

# RF Exposure Evaluation

## FCC ID: 2ALUT-C70125

### 1. Client Information

**Applicant** : IZZO Golf, Inc.  
**Address** : 1635 Commons Parkway, Macedon, NY 14502, USA  
**Manufacturer** : TSKY CO., LTD.  
**Address** : 21F.-2, No.8, Ziqiang S. Rd., Zhubei City, Hsinchu County 302, Taiwan

### 2. General Description of EUT

<b>EUT Name</b>	:	Bluetooth GPS band	
<b>Models No.</b>	:	#C70125, #C70126, #C70152, #C70154, #A44025	
<b>Model Difference</b>	:	All models are identical in the same PCB layout interior structure and electrical circuits, The only difference is #C70125, #C70126, #C70152, #C70154, #A44025 are different logo and color. #C70125, #C70126 come with additional Heart Rate Sensor.	
<b>Product Description</b>	:	Operation Frequency:	Bluetooth V4.0(BLE): 2402~2480 MHz
		RF Output Power:	BLE: -1.148dBm
		Antenna Gain:	2dBi Ceramic Antenna
<b>Power Supply</b>	:	DC Voltage Supply from USB Cable. DC Supply by the Battery.	
<b>Power Rating</b>	:	DC 5.0 V from the USB Cable. DC 3.7V by 170mAh 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 v06.

- (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 Mode (GFSK)						
Frequency (GHz)	Conducted Power (dBm)	Turn-up Power Tolerance (dB)	Max power of tune up tolerance (dbm)	Max power of tune up tolerance (mw)	Calculation Value	Threshold Value
2.402	-1.770	-1±1	0	1.000	0.310	3.0
2.442	-1.566	-1±1	0	1.000	0.313	3.0
2.480	-1.148	-1±1	0	1.000	0.315	3.0

So standalone SAR measurements are not required.

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