

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

EUT Name	: Bluetooth GPS band
Models No.	: #C70125, #C70126, #C70152, #C70154, #A44025
Model Difference	: 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.
Product Description	Operation Frequency: Bluetooth V4.0(BLE): 2402~2480 MHz
	RF Output Power: BLE: -1.148dBm
	Antenna Gain: 2dBi Ceramic Antenna
Power Supply	: DC Voltage Supply from USB Cable. DC Supply by the Battery.
Power Rating	: DC 5.0 V from the USB Cable. DC 3.7V by 170mAh 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.

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 ≤ 5 mm are determined by:

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

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

2. Calculation:

Test separation: 5mm						
BLE 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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