



RF Exposure Evaluation Report

FCC ID : 2A6W5GLHS70212
Equipment : AR Smart swim Goggles
Brand Name : Holoswim
Model Name : Holoswim2s
Applicant : Hangzhou Guangli Technology Co., Ltd.
698 Xixi Road, Huatai Pioneer Park Building#15A,
Xihu District, Hangzhou, Zhejiang, China
Manufacturer : Hangzhou Guangli Technology Co., Ltd.
698 Xixi Road, Huatai Pioneer Park Building#15A,
Xihu District, Hangzhou, Zhejiang, China
Standard : 47 CFR Part 2.1093

We, SPORTON INTERNATIONAL INC has been evaluated this product in accordance with 47 CFR Part 2.1093 and it complies with applicable limit.

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code: 1190) and the FCC designation No. TW1190 under the FCC 2.948(e) by Mutual Recognition Agreement (MRA) in FCC evaluation.

The results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Laboratory, the test report shall not be reproduced except in full

Cona Huang

Approved by: Cona Huang / Deputy Manager



SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



Table of Contents

1.	General Information	3
1.1	Description of Device Under Test (DUT)	3
2.	Maximum RF output power among production units.....	3
3.	RF Exposure Evaluation	4

Revision History

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FA333074	Rev. 01	Initial issue of report	Jun. 28, 2023



1. General Information

1.1 Description of Device Under Test (DUT)

Product Feature & Specification	
DUT Type	AR Smart swim Goggles
Brand Name	Holoswim
Model Name	Holoswim2s
FCC ID	2A6W5GLHS70212
Wireless Technology and Frequency Range	Bluetooth: 2402 MHz ~ 2480 MHz
Mode	Bluetooth LE
HW Version	V12
Antenna Brand Name	Kinghelm
Charging Cable Brand Name	Keli
Charging Cable Model Name	KLC-6105

2. Maximum RF output power among production units

Mode	Average Power (dBm)
	LE
	1Mbps
Bluetooth	3



3. RF Exposure Evaluation

Bluetooth Max Power (dBm)	mW	Separation Distance (mm)	Frequency (GHz)	Exclusion Thresholds
3	2	5	2.48	0.63

Note:

1. Per KDB 447498 D01v06 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:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for}$$

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

Conclusion: Per KDB 447498 D01v06, when the minimum test separation distance is $<$ 5 mm, a distance of 5 mm is applied to determine SAR test exclusion. The test exclusion threshold is 0.63 which is \leq 3, SAR testing is not required.