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RF Exposure Evaluation Report

Product : Eye Massager

Trade mark : SKG
Model/Type reference : ES300
Serial Number : N/A

Report Number : EED32R80395702 FCC ID : 2AYVT-ES300 Date of Issue : Apr. 15, 2025

Test Standards : 47 CFR Part 1.1307

47 CFR Part 1.1310 47 CFR Part 2.1091 47 CFR Part 2.1093

KDB 447498 D04 Interim General RF

Exposure Guidance v01

Test result : PASS

Prepared for:

SKG Health Technologies Co., Ltd.

23A Floor, Building 3, Zhongke R&D Park, No. 009, Gaoxin South 1st
Road, High-tech Zone Community, Yuehai street, Nanshan District,
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Prepared by:

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Reviewed by:

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Approved by:

Aaron Ma

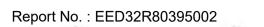
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Frazer Li

Apr. 15, 2025

Check No.: 5330250325





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Version

Version No.	Date	Description			
00	Apr. 15, 2025		Original		
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3 General Information

3.1 Client Information

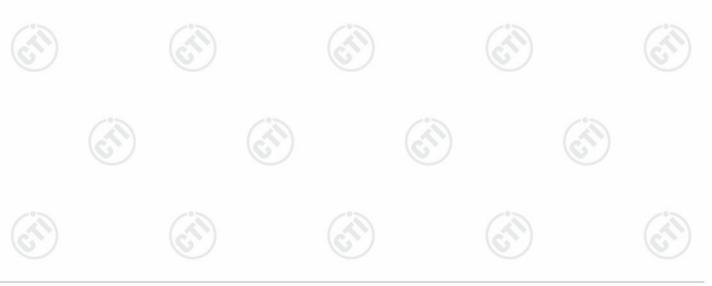
Applicant:	SKG Health Technologies Co., Ltd.			
Address of Applicant:	23A Floor, Building 3, Zhongke R&D Park, No. 009, Gaoxin South 1st Road, High-tech Zone Community, Yuehai street, Nanshan District, Shenzhen City, Guangdong Province, P.R.China			
Manufacturer:	SKG Health Technologies Co., Ltd.			
Address of Manufacturer:	23A Floor, Building 3, Zhongke R&D Park, No. 009, Gaoxin South 1st Road, High-tech Zone Community, Yuehai street, Nanshan District, Shenzhen City, Guangdong Province, P.R.China			
Factory:	NingBo Fulljoy Electronic Technology Co.,Ltd.			
Address of Factory:	No.108, Huiyuan Road, Fenghua District, Ningbo,China			

3.2 General Description of EUT

Product Name:	Eye Massager	(80)	(6,1,2)
Model No.(EUT):	ES300		
Trade Mark:	SKG		

3.3 Product Specification subjective to this standard

Frequency Range:	2402MHz~	2480MHz					
Modulation Type:	GFSK, π/4	GFSK, π/4DQPSK, 8DPSK					
Test Power Grade:	Default	Default					
Test Software of EUT:	FCC_assis	t_1.0.2.2.exe				(3)	
Antenna Type:	PCB Anter	ına (C)		(62)		(6,2)	
Antenna Gain:	-0.58 dBi						
Power Supply:	Battery:	DC 3.7V					
Sample Received Date:	Apr. 02, 20	25	· ·		/ 25		
Sample tested Date:	Apr. 02, 20	25 to Apr. 10, 202	25				







3.4 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd

Building C, Hongwei Industrial Park Block 70, Bao'an District, Shenzhen, China

Telephone: +86 (0) 755 33683668 Fax:+86 (0) 755 33683385

No tests were sub-contracted. FCC Designation No.: CN1164

3.5 Deviation from Standards

None.

3.6 Abnormalities from Standard Conditions

3.7 Other Information Requested by the Customer







4 SAR Evaluation

4.1 RF Exposure Compliance Requirement

4.1.1 Limits

The SAR-based exemption formula of $\S 1.1307(b)(3)(i)(B)$, repeated here as Formula (B.2), applies for single fixed, mobile, and portable RF sources with available maximum time-averaged power or effective radiated power (ERP), whichever is greater, of less than or equal to the threshold Pth (mW).

This method shall only be used at separation distances from 0.5 cm to 40 cm and at frequencies from 0.3 GHz to 6 GHz (inclusive). Pth is given by Formula

$$P_{\text{th}} \text{ (mW)} = \begin{cases} ERP_{20 \text{ cm}} (d/20 \text{ cm})^x & d \le 20 \text{ cm} \\ ERP_{20 \text{ cm}} & 20 \text{ cm} < d \le 40 \text{ cm} \end{cases}$$

where

$$x = -\log_{10}\left(\frac{60}{ERP_{20\,\mathrm{cm}}\sqrt{f}}\right)$$

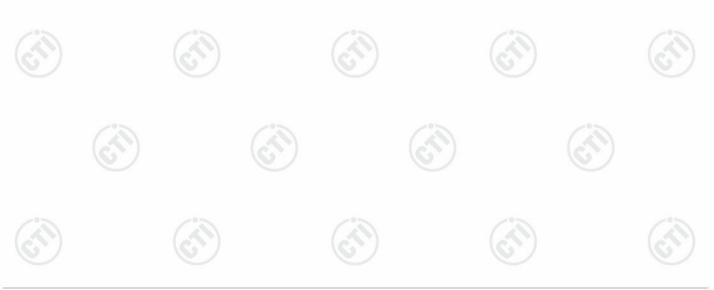
and f is in GHz, d is the separation distance (cm), and ERP20cm is per Formula (B.1).

$$P_{\text{th}} (\text{mW}) = ERP_{20 \text{ cm}} (\text{mW}) = \begin{cases} 2040f & 0.3 \text{ GHz} \le f < 1.5 \text{ GHz} \\ \\ 3060 & 1.5 \text{ GHz} \le f \le 6 \text{ GHz} \end{cases}$$
(B. 1)

The 1 mW Blanket Exemption of § 1.1307(b)(3)(i)(A) applies for single fixed, mobile, and portable RF sources with available maximum time-averaged power of no more than 1 mW, regardless of separation distance.

4.1.2 Test Procedure

Software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel individually.







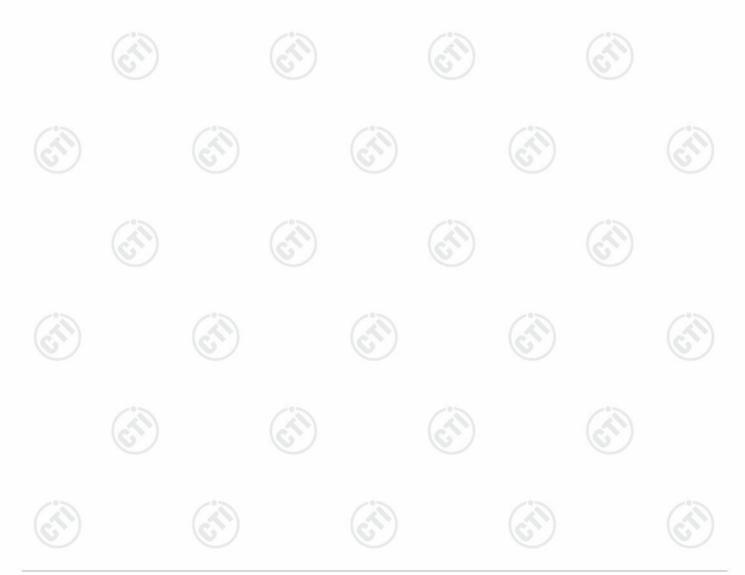
4.1.3 EUT RF Exposure Evaluation

For Stand alone:

/	Frequency (MHz)	Estimation distance (cm)	Max. Conducted Output power (dBm)	Antenna Gain (dBi)	ERP (dBm)	ERP (mW)	Limit (mW)	MPE ratio
	2402	0.5	0.23	-0.58	-1.92	0.6427	2.7877	0.2305

Note:

- ①EIRP=conducted power+antenna gain;
- ②ERP=EIRP-2.15;
- ③EIRP(dBm) = Field strength of the fundamental signal(dBuV/m@3m) 95.23;
- $4ERP(mW) = 10^{(ERP (dBm)/10)};$
- ⑤The estimation distance is 0.5cm;
- ©The test data please refer to the report of EED32R80395001 and only the worst case data was recorded in the report.





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Statement

- 1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
- 2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
- 3. The result(s) shown in this report refer(s) only to the sample(s) tested;
- 4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule stated in ILAC-G8:09/2019/CNAS-GL015:2022;
- 5. Without written approval of CTI, this report can't be reproduced except in full;