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Report Template Version: V05
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RF Exposure Evaluation Report

Report No.:	CQASZ20240901963E-05
Applicant:	Innovative Eyewear, Inc
Address of Applicant:	11900 Biscayne Blvd #630, North Miami, FL 33181, United States
Equipment Under Test (EUT):	
EUT Name:	Smart Eyewear
Model No.:	LCD008-10, LCD010-10, LCD010-11, LCD010-20, LCD010-21, LCD010-30, LCD010-31, LCD010-40, LCD010-41
Test Model No.:	LCD008-10
Brand Name:	Lucyd Reebok
Standards:	BS EN 50663: 2017
Date of Receipt:	2024-09-10
Date of Test:	2024-09-10 to 2024-09-19
Date of Issue:	2024-10-15
Test Result:	**PASS***

***In the configuration tested, the EUT complied with the standards specified above**

Tested By: lewis zhou
(Lewis Zhou)

Reviewed By: Timo Lei
(Timo Lei)

Approved By: Alex
(Alex Wang)

1 Version

Revision History of Report

Report No.	Version	Description	Issue Date
CQASZ20240901963E-05	Rev.01	Initial report	2024-10-15

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3 General Information

3.1 Client Information

Applicant:	Innovative Eyewear, Inc
Address of Applicant:	11900 Biscayne Blvd #630, North Miami, FL 33181, United States
Manufacturer:	Shenzhen Gonbes Technology Co. Ltd
Address of Manufacturer:	RM501, Bldg 3, Mengliyuan Industrial Park, 124 Yousong Rd, Longhua Str, Longhua Dist, Shenzhen, Guangdong Province, 518000, CHINA
Factory:	Shenzhen Gonbes Technology Co. Ltd
Address of Factory:	RM501, Bldg 3, Mengliyuan Industrial Park, 124 Yousong Rd, Longhua Str, Longhua Dist, Shenzhen, Guangdong Province, 518000, CHINA

3.2 General Description of EUT

Product Name:	Smart Eyewear
Test Mode No.:	LCD008-10, LCD010-10, LCD010-11, LCD010-20, LCD010-21, LCD010-30, LCD010-31, LCD010-40, LCD010-41
Mode No.:	LCD008-10
Trade Mark:	Lucyd Reebok
EUT Supports Radios application:	Bluetooth dual mode: 2402MHz~2480MHz
Software Version:	GBS_ATS3025_GK28_V2.2_20240806.fw
Hardware Version:	GK28(ATS3025)-V1.1
Power Supply:	Li-ion battery: DC 3.7V 180mAh, Charge by DC 5V for adapter

General Description of BT

Frequency Range:	2402MHz to 2480MHz
Bluetooth Version:	V5.3
Modulation Type:	GFSK, π/4DQPSK, 8DPSK
Transfer Rate:	1Mbps/2Mbps/3Mbps
Number of Channels:	79
Sample Type:	☐ Mobile ☒ Portable ☐ Fix Location
Test Software of EUT:	FCC
Antenna Type:	Chip antenna
Antenna Gain:	1.15dBi
EIRP:	GFSK(1Mbps): 9.71dBm(9.35mW)* Max
	The EIRP data refer to the report CQASZ20240901962E-03

General Description of BLE

Frequency Range:	2402MHz to 2480MHz
Bluetooth Version:	V5.3
Modulation Type:	GFSK
Transfer Rate:	1Mbps/2Mbps
Number of Channels:	40
Sample Type:	☐ Mobile ☒ Portable ☐ Fix Location
Test Software of EUT:	FCC
Antenna Type:	Chip antenna
Antenna Gain:	1.15dBi
EIRP:	GFSK(1Mbps): 9.69dBm(9.31mW)* Max
	The EIRP data refer to the report CQASZ20240901962E-04

For BT:

Operation Frequency each of channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2402MHz	21	2422MHz	41	2442MHz	61	2462MHz
2	2403MHz	22	2423MHz	42	2443MHz	62	2463MHz
3	2404MHz	23	2424MHz	43	2444MHz	63	2464MHz
4	2405MHz	24	2425MHz	44	2445MHz	64	2465MHz
5	2406MHz	25	2426MHz	45	2446MHz	65	2466MHz
6	2407MHz	26	2427MHz	46	2447MHz	66	2467MHz
7	2408MHz	27	2428MHz	47	2448MHz	67	2468MHz
8	2409MHz	28	2429MHz	48	2449MHz	68	2469MHz
9	2410MHz	29	2430MHz	49	2450MHz	69	2470MHz
10	2411MHz	30	2431MHz	50	2451MHz	70	2471MHz
11	2412MHz	31	2432MHz	51	2452MHz	71	2472MHz
12	2413MHz	32	2433MHz	52	2453MHz	72	2473MHz
13	2414MHz	33	2434MHz	53	2454MHz	73	2474MHz
14	2415MHz	34	2435MHz	54	2455MHz	74	2475MHz
15	2416MHz	35	2436MHz	55	2456MHz	75	2476MHz
16	2417MHz	36	2437MHz	56	2457MHz	76	2477MHz
17	2418MHz	37	2438MHz	57	2458MHz	77	2478MHz
18	2419MHz	38	2439MHz	58	2459MHz	78	2479MHz
19	2420MHz	39	2440MHz	59	2460MHz	79	2480MHz
20	2421MHz	40	2441MHz	60	2461MHz		

Using test software was control EUT work in continuous transmitter and receiver mode.and select test channel as below:

Channel	Frequency
The Lowest channel(CH1)	2402MHz
The Middle channel(CH39)	2441MHz
The Highest channel(CH79)	2480MHz

For BLE:

Operation Frequency each of channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2402MHz	11	2422MHz	21	2442MHz	31	2462MHz
2	2404MHz	12	2424MHz	22	2444MHz	32	2464MHz
3	2406MHz	13	2426MHz	23	2446MHz	33	2466MHz
4	2408MHz	14	2428MHz	24	2448MHz	34	2468MHz
5	2410MHz	15	2430MHz	25	2450MHz	35	2470MHz
6	2412MHz	16	2432MHz	26	2452MHz	36	2472MHz
7	2414MHz	17	2434MHz	27	2454MHz	37	2474MHz
8	2416MHz	18	2436MHz	28	2456MHz	38	2476MHz
9	2418MHz	19	2438MHz	29	2458MHz	39	2478MHz
10	2420MHz	20	2440MHz	30	2460MHz	40	2480MHz

Using test software was control EUT work in continuous transmitter and receiver mode.and select test channel as below:

Channel	Frequency
The Lowest channel(CH1)	2402MHz
The Middle channel(CH20)	2440MHz
The Highest channel(CH40)	2480MHz

Test Location

All tests were performed at:

Shenzhen Huaxia Testing Technology Co., Ltd.
1F., Block A of Tongsheng Technology Building, Huahui Road, Dalang Street, Longhua District, Shenzhen, China

3.3 Deviation from Standards

None.

3.4 Abnormalities from Standard Conditions

None.

3.5 Other Information Requested by the Customer

None.

4 EN 50663 REQUIREMENT

4.1 General Description of Applied Standards

Generic standard for assessment of low power electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (10 MHz - 300 GHz)

4.2 Human exposure to the Electromagnetic fields

This International Standard provides simple conformity assessment methods for low-power electronic and electrical equipment to an exposure limit relevant to electromagnetic fields (EMF). If such equipment cannot be shown to comply with the applicable EMF exposure requirements using the methods included in this standard for EMF assessment, then other standards, including IEC 62311 or other (EMF) product standards, may be used for conformity assessment.

4.3 RF Exposure Evaluation

4.3.1 Limit

Equipment complying with the requirements for the general public is deemed to comply with the requirements for workers without further testing.

The conformity assessment to demonstrate equipment compliance shall be made according to EN 62479:2010, 4.1 and Clause 6.

If routes B, C or D of 4.1 of EN 62479:2010 are followed then the values of *Pmax*, as described in 4.2 of EN 62479:2010 and given in Annex A of EN 62479:2010, shall be replaced by those in Table 1 below.

Table 1 — Values of *P*max

Exposure tier	Region of body	*P*max (mW)
General public	Head and trunk	20
	Limbs	40
Workers	Head and trunk	100
	Limbs	200

4.3.2 Test Result

For BT(1Mbps):

The EIRP of the EUT is 9.71dBm(9.35mW) which is below the max permitted sending level of 20 mW (13dBm), and then the EUT is not need to conduct SAR measurement.

For BLE(1Mbps):

The EIRP of the EUT is 9.69dBm(9.31mW) which is below the max permitted sending level of 20 mW (13dBm), and then the EUT is not need to conduct SAR measurement.

*** END OF REPORT ***