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TEST REPORT

Report No. : CQASZ20260701654E-03
Applicant: Chenxin (Wenzhou) Technology Co., Ltd
Address of Applicant: 1/F, Building 6, Meiyuan Xitao XiaoWeiYuan, Guoxi Subdistrict, Ouhai District, Wenzhou, Zhejiang, China
Equipment Under Test (EUT):
EUT Name: CX Smart Glasses
Model No.: W12/VA1, W12/VA3, W12/VA8, W12/VA12, W12/VA15, W12/VA18, W12/VA27, W12/VA28, W12/VA29, W12/VA30, W12/VA35
Test Model No.: W12/VA1
Brand Name: N/A
FCC ID: 2BXER-W12
47 CFR Part 1.1307
Standards: 47 CFR Part 1.1310
KDB447498D01 General RF Exposure Guidance v06
Date of Receipt: 2026-07-27
Date of Test: 2026-07-27 to 2026-08-04
Date of Issue: 2026-8-17
Test Result : PASS

Tested By: Azir Wang
(Azir Wang)

Reviewed By: Timo Lei
(Timo Lei)

Approved By: Jack Ai
(Jack Ai)



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1. Version

Revision History Of Report

Report No.	Version	Description	Issue Date
CQASZ20260701654E-03	Rev.01	Initial report	2026-8-17

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3. General Information

4. Client Information

Applicant:	Chenxin (Wenzhou) Technology Co., Ltd
Address of Applicant:	1/F, Building 6, Meiyuan Xitao XiaoWeiYuan, Guoxi Subdistrict, Ouhai District, Wenzhou, Zhejiang, China
Manufacturer:	Chenxin (Wenzhou) Technology Co., Ltd
Address of Manufacturer:	1/F, Building 6, Meiyuan Xitao XiaoWeiYuan, Guoxi Subdistrict, Ouhai District, Wenzhou, Zhejiang, China
Factory:	Chenxin (Wenzhou) Technology Co., Ltd
Address of Factory:	1/F, Building 6, Meiyuan Xitao XiaoWeiYuan, Guoxi Subdistrict, Ouhai District, Wenzhou, Zhejiang, China

5. General Description of EUT

Product Name:	CX Smart Glasses
Model No.:	W12/VA1, W12/VA3, W12/VA8, W12/VA12, W12/VA15, W12/VA18, W12/VA27, W12/VA28, W12/VA29, W12/VA30, W12/VA35
Test Model No.:	W12/VA1
Trade Mark:	N/A
Software Version:	V1.1
Hardware Version:	V6
Modulation Technique:	Frequency Hopping Spread Spectrum(FHSS)
Modulation Type:	GFSK, $\pi/4$ DQPSK, 8DPSK
Transfer Rate:	1Mbps/2Mbps/3Mbps
Number of Channel:	79
Hopping Channel Type:	Adaptive Frequency Hopping systems
Antenna Type:	Chip antenna
Antenna Gain:	2.7dBi
Product Type:	☐ Mobile ☒ Portable ☐ Fix Location
Power Supply:	Li-ion battery DC 3.8V 55mAh, Charge by DC 5V for adapter

RF Exposure Evaluation

RF Exposure Compliance Requirement

Standard Requirement

According to KDB447498D01 General RF Exposure Guidance v06

4.3.1. Standalone SAR test exclusion considerations

Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

Limits

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$$\left[\frac{\text{(max. power of channel, including tune-up tolerance, mW)}}{\text{(min. test separation distance, mm)}} \right] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR, where}$$
$$f(\text{GHz}) \text{ is the RF channel transmit frequency in GHz}$$

Power and distance are rounded to the nearest mW and mm before calculation¹⁷

The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion

EUT RF Exposure

1) For BT Left#

2) Measurement Data

Worst case: 8DPSK				
Test Channel	Peak Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power	
			(dBm)	(mW)
Lowest(2402MHz)	-1.50	-1.5±1	-0.5	0.891
Middle(2441MHz)	-1.78	-2.0±1	-1.0	0.794
Highest(2480MHz)	-2.40	-2.5±1	-1.5	0.708

Worst case: 8DPSK			
Channel	Maximum tuneup Power (mW)	Calculated value	Exclusion threshold
Lowest (2402MHz)	0.891	0.276	3.0
Middle (2441MHz)	0.794	0.248	
Highest (2480MHz)	0.708	0.223	
Conclusion: the calculated value ≤3.0, SAR is exempted.			

Remark: The Max Conducted Peak Output Power data refer to report Report No.: CQASZ20210400416E-01

For BT Right#

Measurement Data

Worst case: GFSK				
Test Channel	Peak Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power	
			(dBm)	(mW)
Lowest(2402MHz)	-1.97	-2.0±1	-1.0	0.794
Middle(2441MHz)	-2.21	-2.0±1	-1.0	0.794
Highest(2480MHz)	-2.78	-3.0±1	-2.0	0.631

Worst case: GFSK			
Channel	Maximum tuneup Power (mW)	Calculated value	Exclusion threshold
Lowest (2402MHz)	0.794	0.246	3.0
Middle (2441MHz)	0.794	0.248	
Highest (2480MHz)	0.631	0.199	
Conclusion: the calculated value ≤3.0, SAR is exempted.			

Remark: The Max Conducted Peak Output Power data refer to report Report No.: CQASZ20210400416E-02

Simultaneous transmission:

MPE ratios(BT Right)+MPE ratios(BT Left)

=0.276+0.248

=0.524≤3.0

*** END OF REPORT ***