



Report No.: XCL-AC202406-0085

# TEST REPORT

**Product Name:** Creative Reference Monitor w/ Bluetooth EU

**Model:** CR8BT

**Test Sort:** External Commission Test

**Client:** LOUD AUDIO,LLC.

**Test by:** Xingci Lab

GUANGDONG XINGCI TESTING TECHNOLOGY RESEARCH Co.,Ltd.



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# Announcement

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1. This report is invalid without seal.
2. This report must not be partially duplicated without permission.
3. The manufacturer would be responsible for the test samples.
4. Xingci Lab would be only responsible for report items of the test sample, this test result is only used for scientific research, teaching, and internal control, and does not have a proof function to the society.
5. If the client has any question about the test report, please contact our lab as agreed within 15 days. Disagreement couldn't be accepted over 15 days.
6. Test report inquires telephone No.:+ 86-757-87744743

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Province, China,528100

Tel: 0086-(0757)-87744743

Post Code: 528100

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## Test Report

Product Name		Creative Reference Monitor w/ Bluetooth EU	Manufacture Date	/
Product Model		CR8BT	Brand Name	/
Client	Name	LOUD AUDIO,LLC.		
	Address	19820 North Creek Parkway, Suite #201, Bothell, WA 98011-8227, USA		
Test Type		External Commission Test		
Test Place		SG64 Anechoic Chamber (Guangdong Xingci testing technology research Co.,Ltd.)		
Sample Qty	1pc	Test Date	Jun 25, 2024	
Test Environment	Temperature: (21~22) °C	Relative Humidity: (63~67) %		
Test Item	Electrical performance: Radiation Pattern, Gain, Efficiency			
Test Standard	According to the client's requirements, refer to the following standard: IEEE Std 149™-2021			
Test Description	Guangdong Xingci testing technology research Co., Ltd. tested the electrical performance of 1pc of Creative Reference Monitor w/ Bluetooth EU under the guideline of relevant standard. Please see test result in page 5, Radiation Patterns in pages 6-8.			
Remarks				
Tested by:  Guanzhiliang  Date: Jun 25, 2024		Checked by:  Zhang Xiao jun  Date: JUN 27, 2024		Approved by: (Authorized signatory)    Date: Jun 27, 2024

## Sample Description

Accessories	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes:
Outlook/Appearance	<input checked="" type="checkbox"/> Qualified <input type="checkbox"/> Unqualified:
Status at the beginning of Test	<input checked="" type="checkbox"/> Working Normally <input type="checkbox"/> Working Abnormally:
Status after Test	<input checked="" type="checkbox"/> Working Normally <input type="checkbox"/> Other:
Photograph	<input type="checkbox"/> No <input checked="" type="checkbox"/> In pages 8-9
Remarks (Provided by the customer)	Antenna size: 11mm×6mm Device size: 178mm×78mm Device weight: 203.5g

## Sample Number

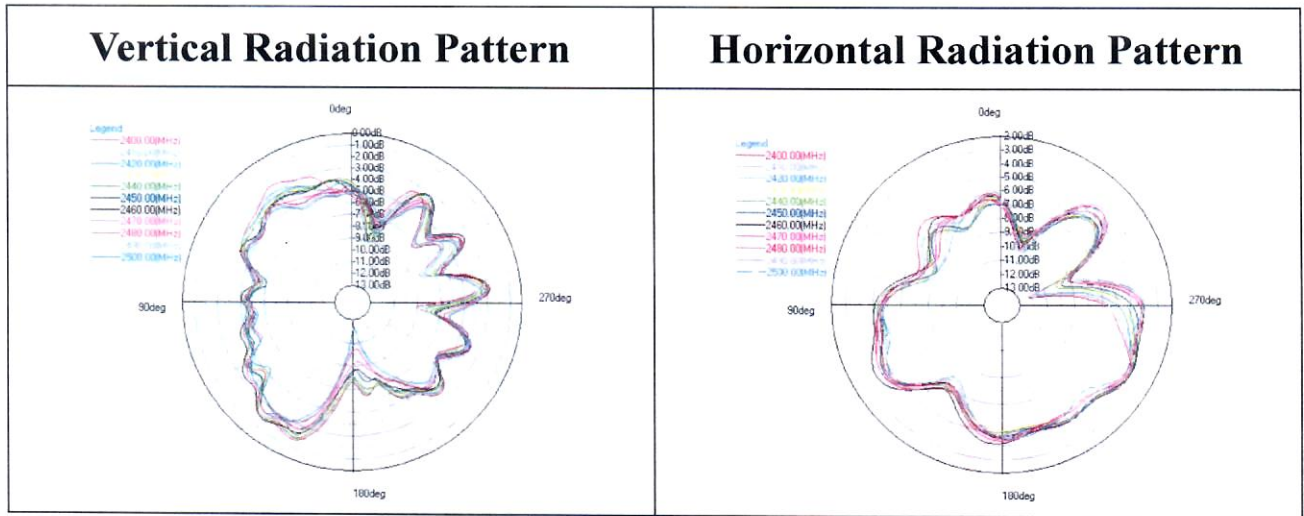
Item	Sample Number	Serial Number
1	AC2024062504	/

## Electrical Performance Test Result

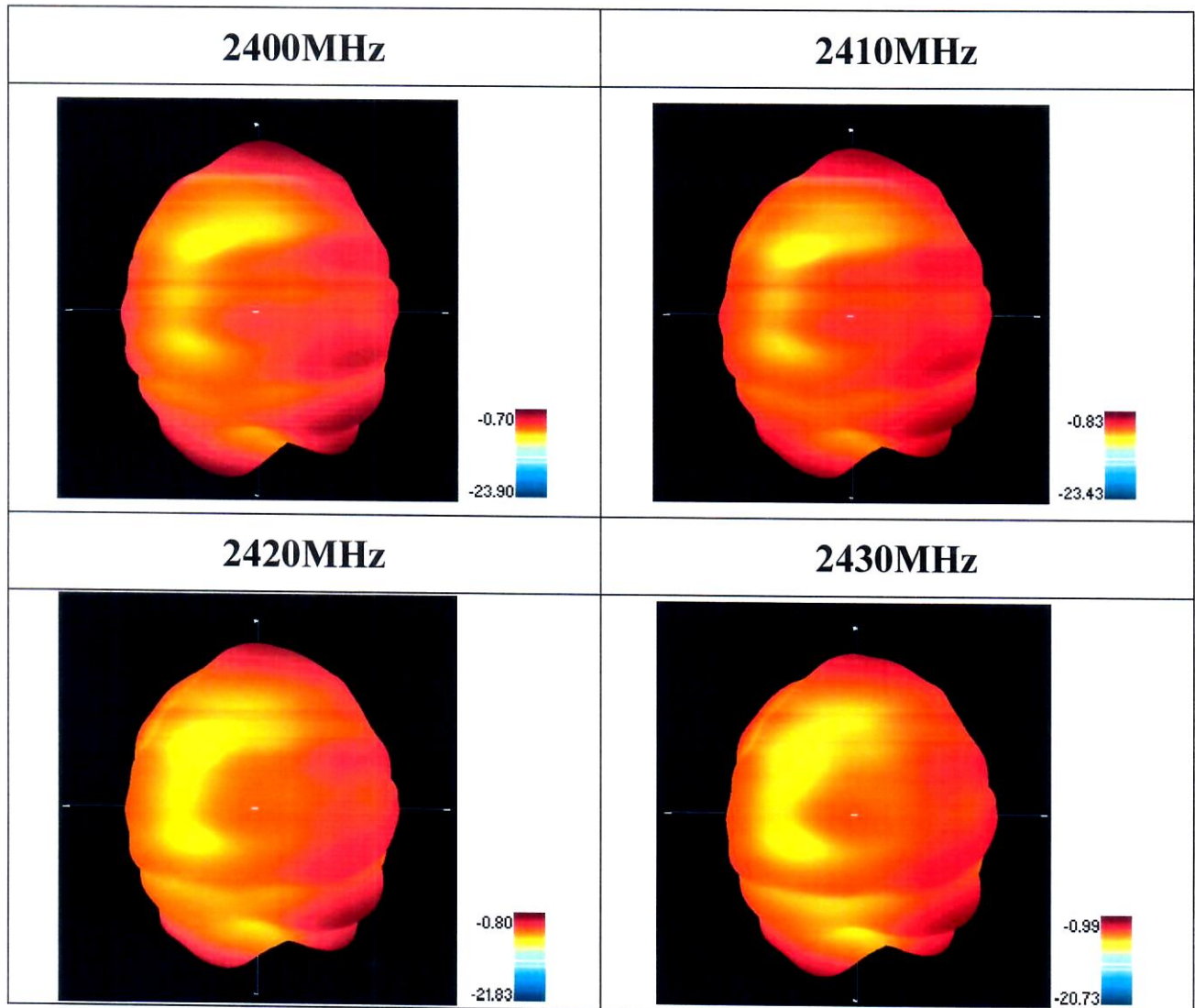
Item	Test Item	Technical Requirement	Unit	Test Frequency (MHz)	Test Result
1	Gain	/	dBi	2400	-0.70
				2410	-0.83
				2420	-0.80
				2430	-0.99
				2440	-1.13
				2450	-1.25
				2460	-0.88
				2470	-1.12
				2480	-1.04
				2490	-1.18
				2500	-1.29
2	Efficiency	/	%	2400	33.41
				2410	31.95
				2420	31.04
				2430	30.73
				2440	31.42
				2450	30.63
				2460	32.95
				2470	30.44
				2480	29.96
				2490	29.48
				2500	28.65
3	Radiation Pattern	/	/	2400-2500	Pages 6-8
Note: Test Method: Near Field Measurement Method.					

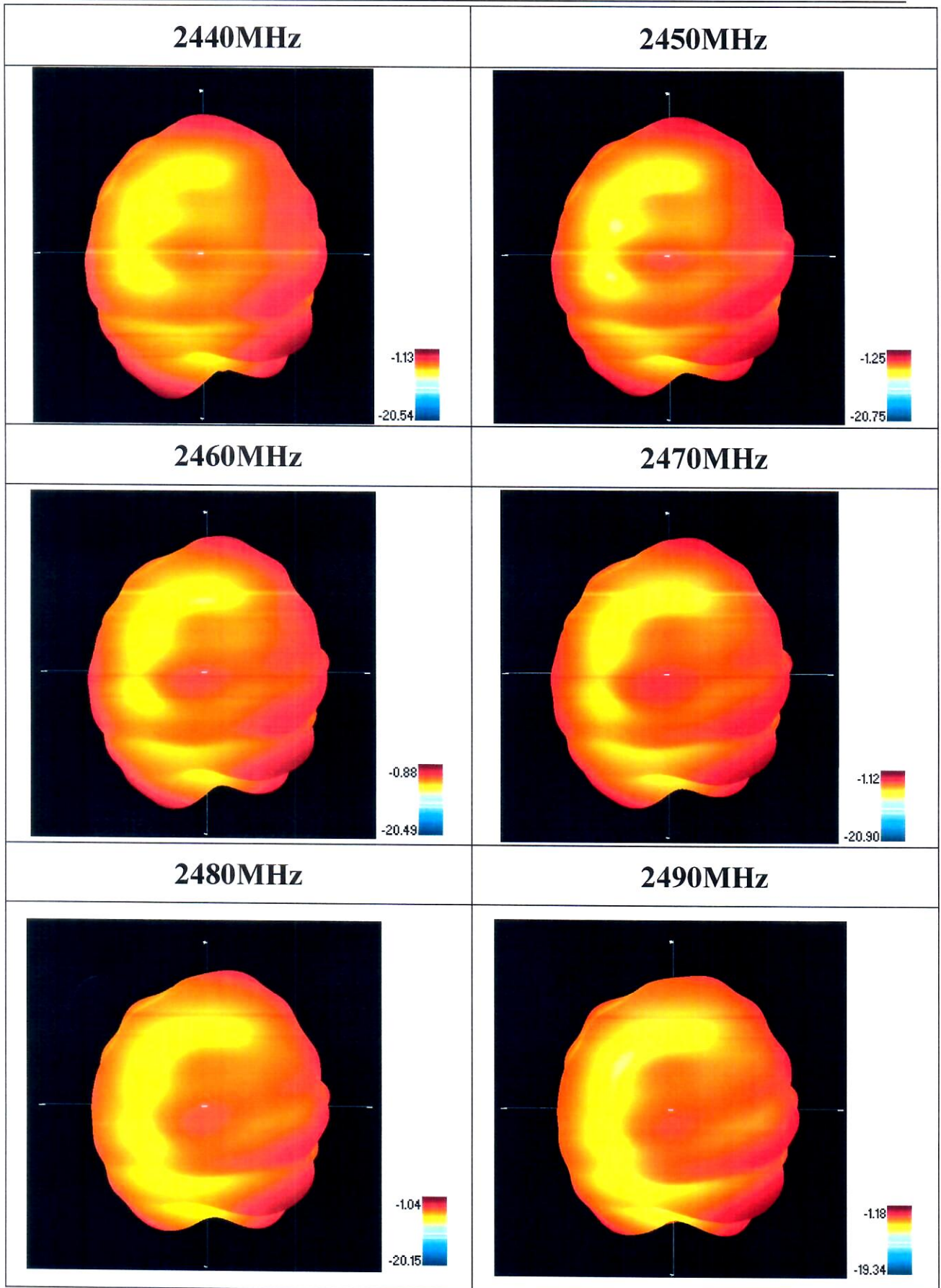
# Radiation Pattern

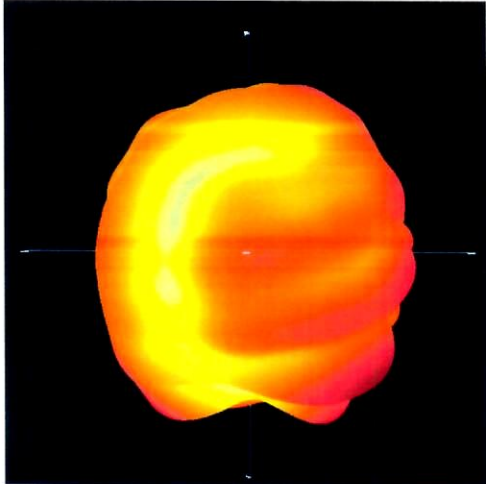
## 2D

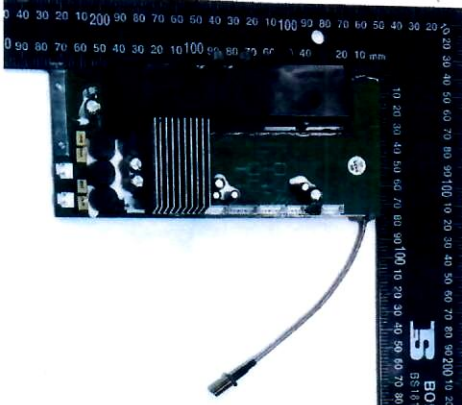
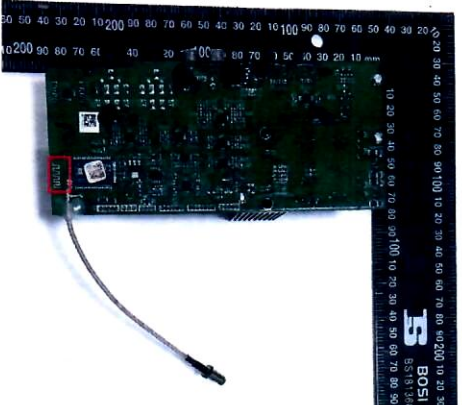


## 3D





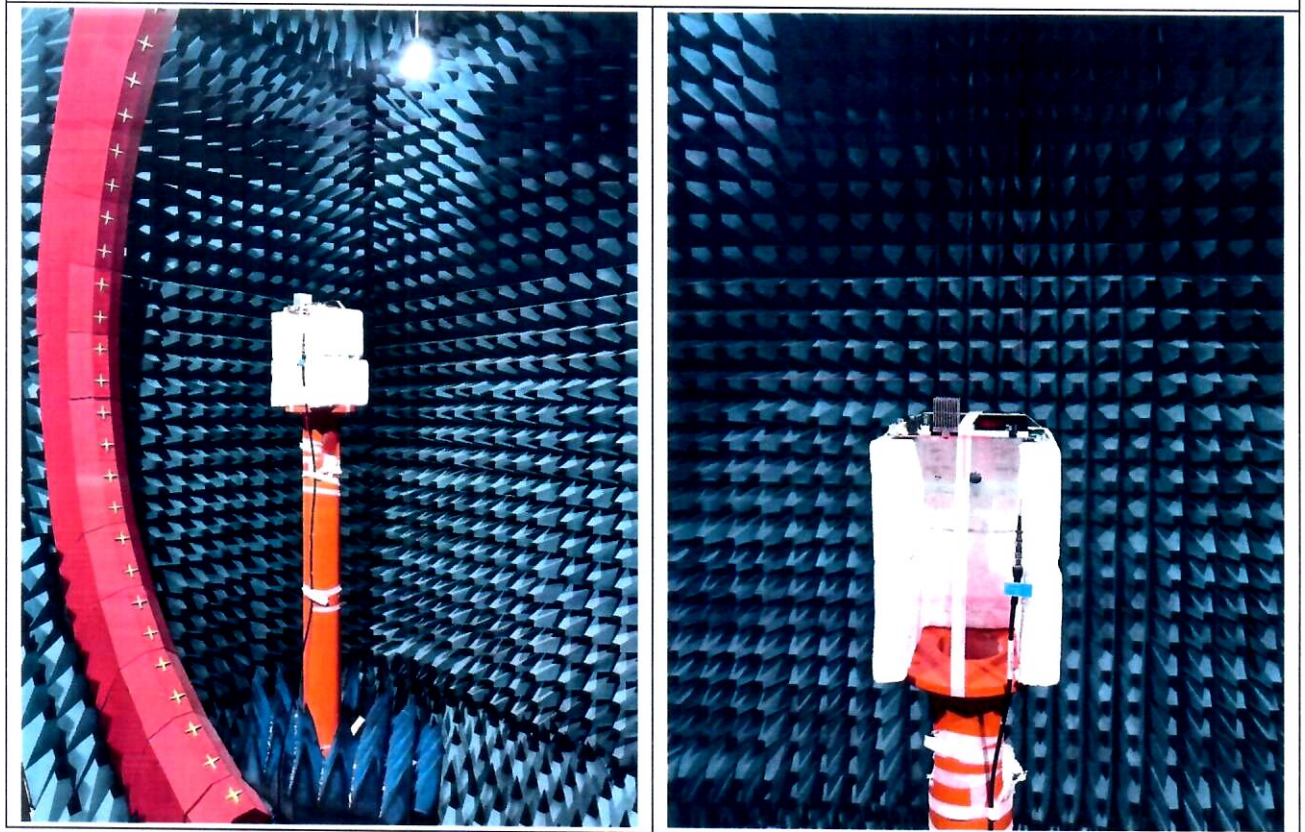
<p><b>2500MHz</b></p>	<p>/</p>
	<p>/</p>

<p><b>Sample photo</b></p>	
	

1. 检测记录



## Radiation Pattern Test site



### Main instruments and equipment for testing and test system

No.	NAME	Model	SERIAL NUMBER	VALIDITY DATE (DD/MM/YY)
1	Analog Signal Generator	N5172B	MY59100269	05/03/2025
2	Analog Signal Generator	N5181A	MY50140747	05/03/2025
3	Standard Gain Antenna	SH400-440	XCA014	22/11/2024
4	Microwave Anechoic Chamber	5m×5m×5m	XCC03	23/08/2024
5	SG64 Antenna Test System	SATENV 2.0.1.5 Build12	XCXT03	N/A

-----End of Report-----