



Report No.: XCL-AC202406-0087

# TEST REPORT

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

**Model:** CR8SBT

**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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Add: No#4, Jinye 2nd road, Yundonghai street, Sanshui, Foshan,Guangdong  
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		CR8SBT		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: <i>Guanzhiliang</i> Date: <i>Jun 25, 2024</i>			Checked by: <i>Zhang Xiao Jun</i> Date: <i>Jun 27, 2024</i>			Approved by: (Authorized signatory) <i>Wang Jianhua</i> Date: <i>Jun 27, 2024</i>	

### Sample Description

Accessories	<input checked="" type="checkbox"/> No <span style="margin-left: 150px;"><input type="checkbox"/> Yes:</span>
Outlook/Appearance	<input checked="" type="checkbox"/> Qualified <span style="margin-left: 150px;"><input type="checkbox"/> Unqualified:</span>
Status at the beginning of Test	<input checked="" type="checkbox"/> Working Normally <span style="margin-left: 150px;"><input type="checkbox"/> Working Abnormally:</span>
Status after Test	<input checked="" type="checkbox"/> Working Normally <span style="margin-left: 150px;"><input type="checkbox"/> Other:</span>
Photograph	<input type="checkbox"/> No <span style="margin-left: 150px;"><input checked="" type="checkbox"/> In pages 8-9</span>
Remarks (Provided by the customer)	Antenna size: 15mm×5mm Device size: 174mm×124mm Device weight: 229g

### Sample Number

Item	Sample Number	Serial Number
1	AC2024062506	/

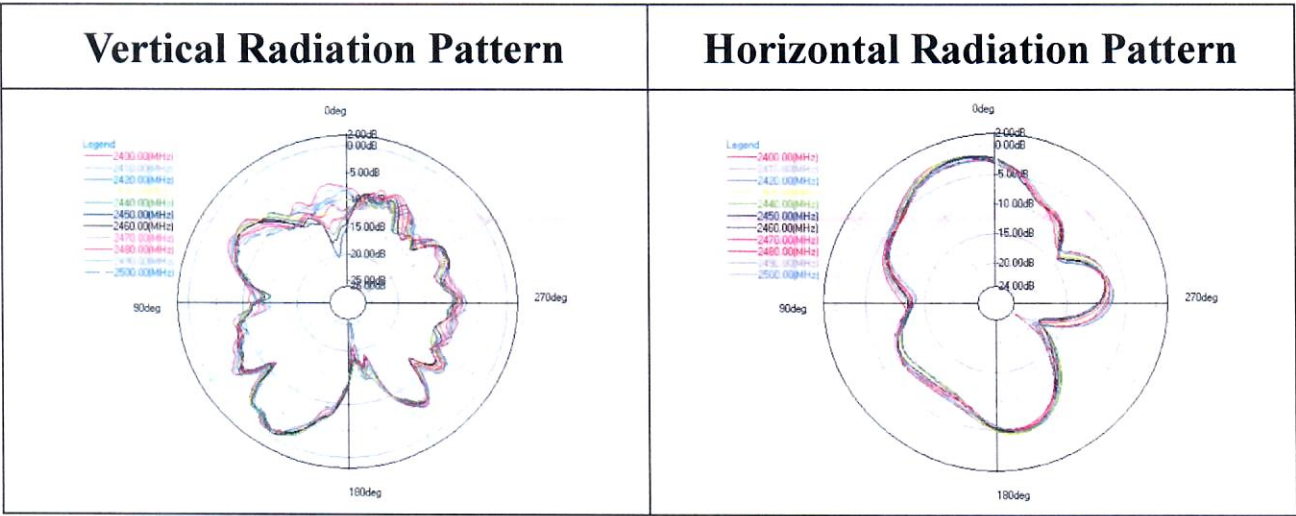
## Electrical Performance Test Result

Item	Test Item	Technical Requirement	Unit	Test Frequency (MHz)	Test Result
1	Gain	/	dBi	2400	0.32
				2410	0.12
				2420	-0.03
				2430	0.21
				2440	0.20
				2450	-0.54
				2460	-0.28
				2470	-0.92
				2480	-1.03
				2490	-0.98
				2500	-0.74
2	Efficiency	/	%	2400	22.33
				2410	21.85
				2420	22.21
				2430	22.08
				2440	21.42
				2450	20.18
				2460	20.88
				2470	19.06
				2480	19.53
				2490	19.59
				2500	19.78
3	Radiation Pattern	/	/	2400-2500	Pages 6-8

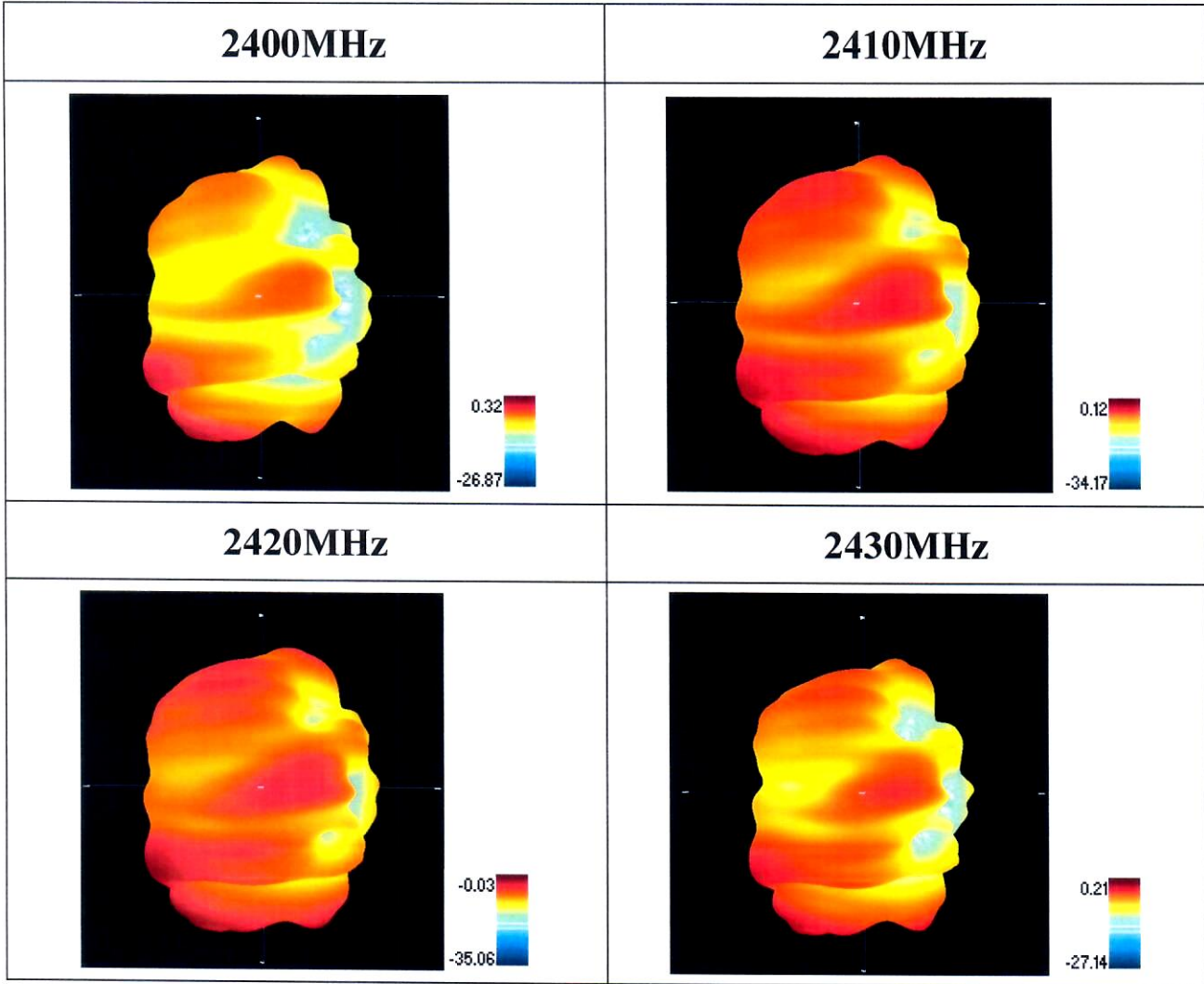
Note: Test Method: Near Field Measurement Method.

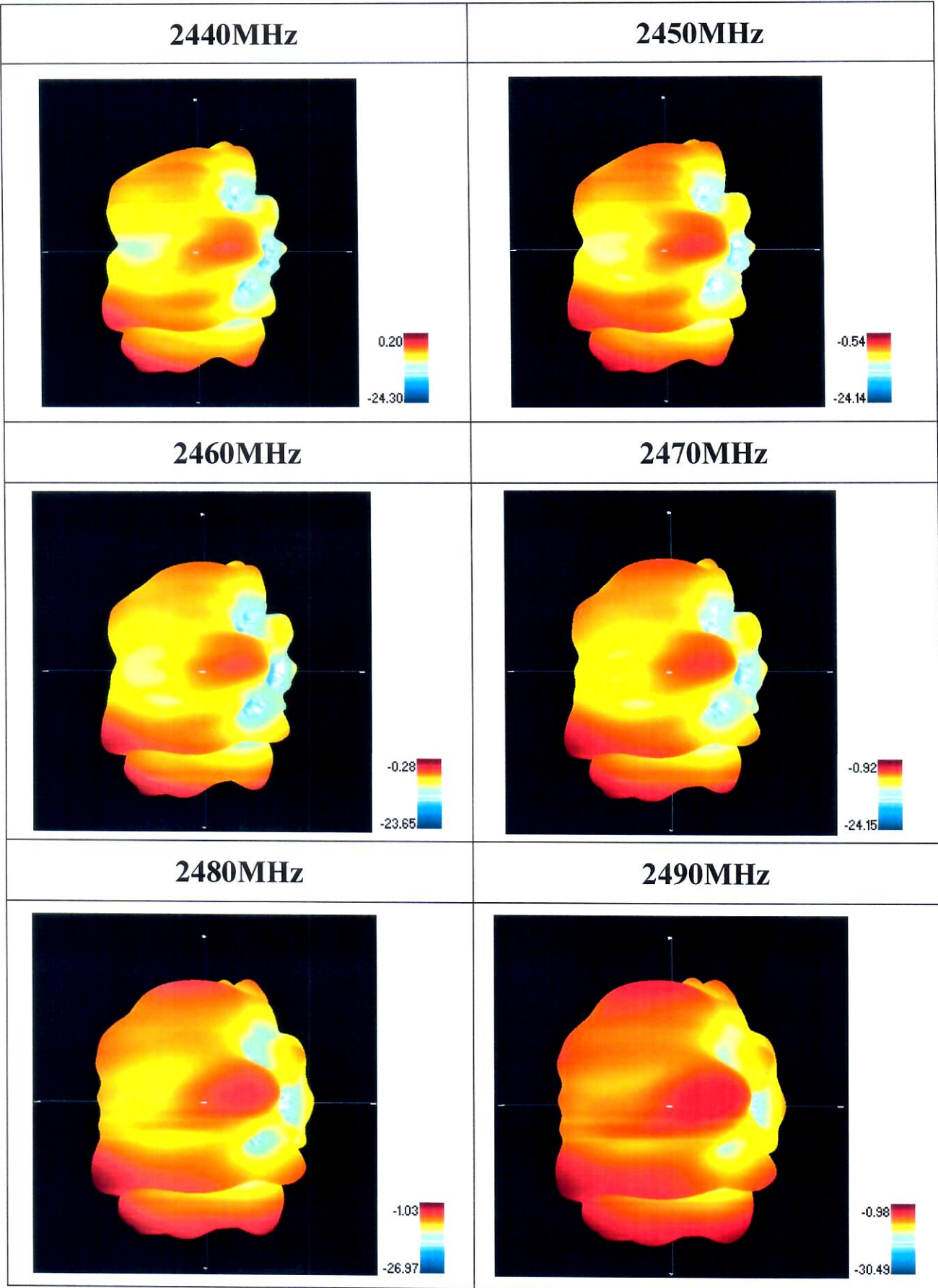
# Radiation Pattern

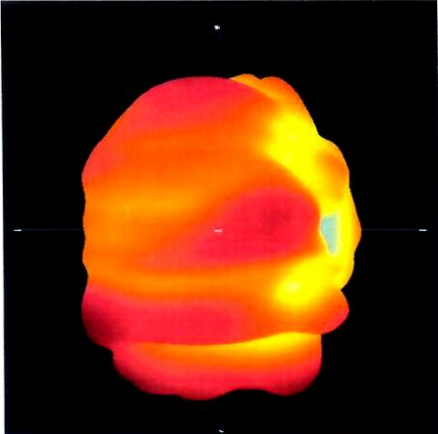
## 2D


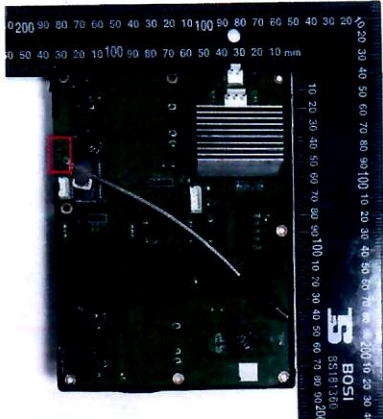


## 3D



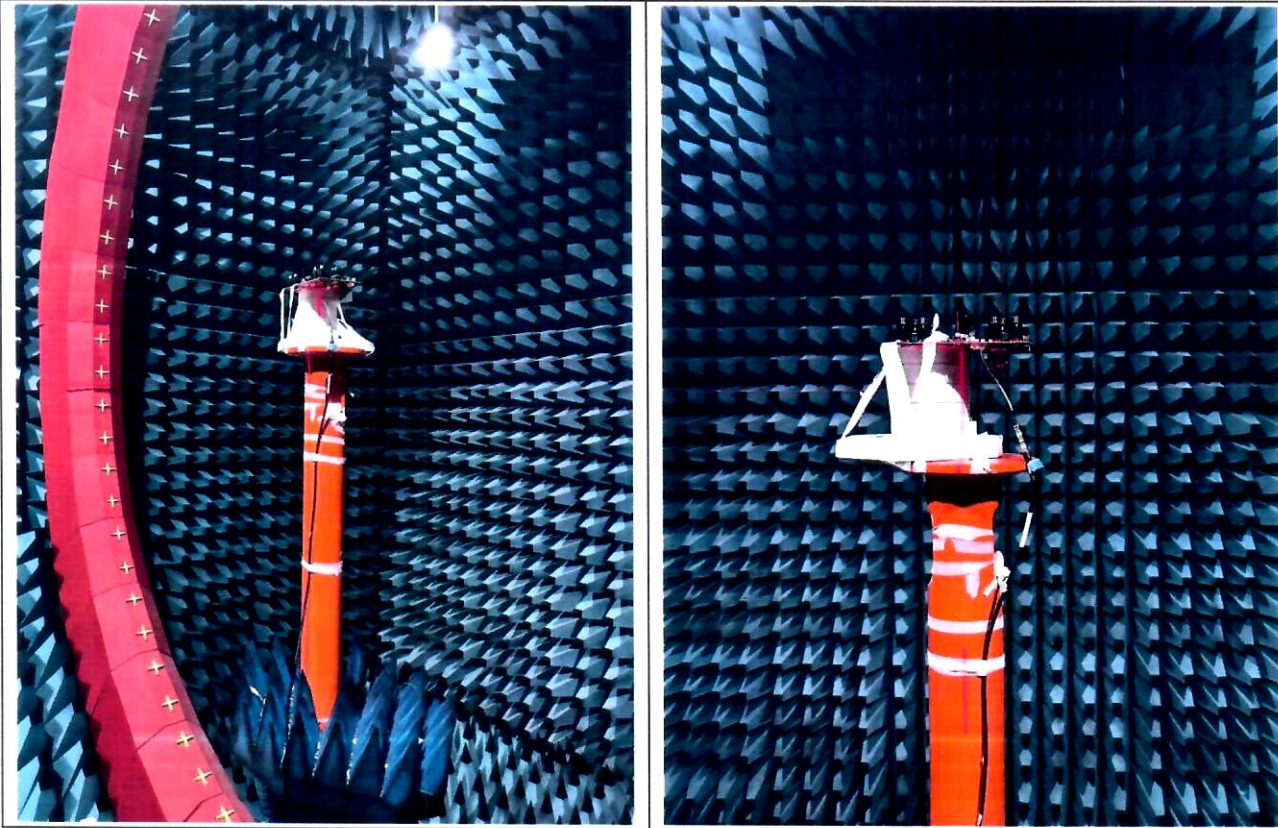


<p><b>2500MHz</b></p>	<p>/</p>
	<p>/</p>

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



**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-----