

ANTENNA TEST REPORT

North Jinyuan Road, Economic a		
North Jinyuan Road, Economic and Development Zone, Ruijin, Jiangxi Province		
Ruijin Trefan Technology Co., Ltd		
North Jinyuan Road, Economic and Development Zone, Ruijin, Jiangxi Province		
Antenna		
N/A		
1017371		
-0.59 dBi		
Sep. 05, 2023		
d by Andy Zhu / EMC Department	Approved by Glyn He Assistant Manager / EMC Department	
me/about-us/our-business/cps/about-us/term: any other person or entity, or use of our name n respect to the test samples identified herein lot from which a test sample was taken or a quested by you and the results thereof basec ccredited tests. Statements of conformity are	Date: Sep. 11, 2023 esting as posted at the date of issuance of this report at sconditions/ and is intended for your exclusive use. Any copying or e or trademark, is permitted only with our prior written permission. This report . The results set forth in this report are not indicative or representative of the uny similar or identical product unless specifically and expressly noted. Our d upon the information that you provided to us. Measurement uncertainty is based on simple acceptance criteria without taking measurement uncertainty	
	Antenna J/A 017371 0.59 dBi Sep. 05, 2023 by Andy Zhu / EMC Department Corporates by reference, the Conditions of Temeratory and the results thereof base any other person or entity, or use of our naming the results thereof base	

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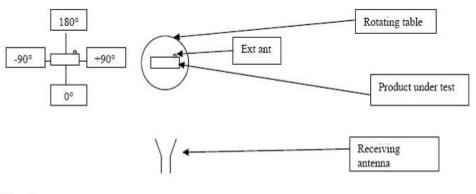
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1. MEASUREMENTS SETUP

Orientation



Top view

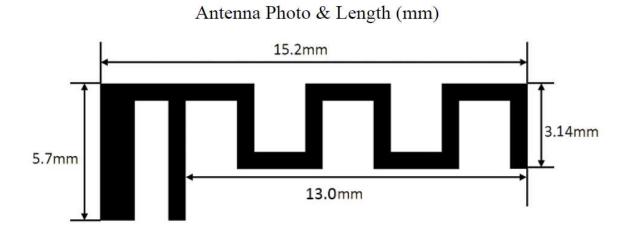
During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables,

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2. SIZE OF THE ANTENNA



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3. TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Next Cal.
Signal Generator	Agilent	N5183A	MY50140980	Jul. 11, 24
Spectrum Analyzer	Rohde&Schwarz	FSV40	101003	Jan. 11, 24
Broad-Band Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1247	Apr. 01, 24
Broad-Band Horn Antenna	SCHWARZBECK	BBHA 9120 B	00740	Jul. 20, 24
Turn Table	MF	MF-7802	MF780208191	N/A
Controller	MF	MF-7802	MF780208243	N/A
Test Software	BV ADT	BV ADT Antenna Pattern	V6.2	N/A

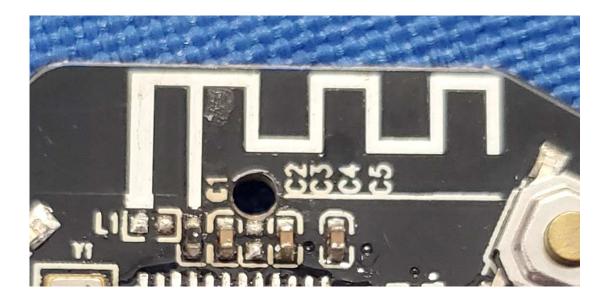
NOTE: 1. The test was performed in Fully Anechoic Room.

2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.



4. TEST RESULTS

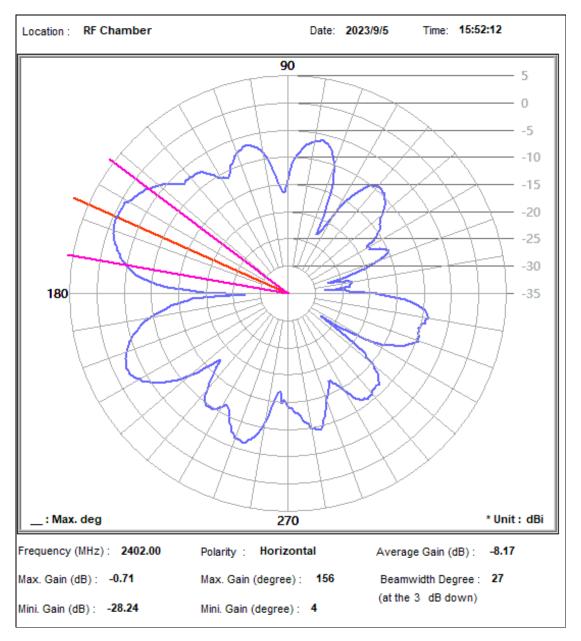
ANTENNA	FREQUENCY (MHz)	ANTENNA POLARITY	MAX. PEAK GAIN (dBi)
	2402	Horizontal	-0.71
		Vertical	-0.59
	2441	Horizontal	-0.82
PCB		Vertical	-0.76
	2480	Horizontal	-0.79
		Vertical	-0.75



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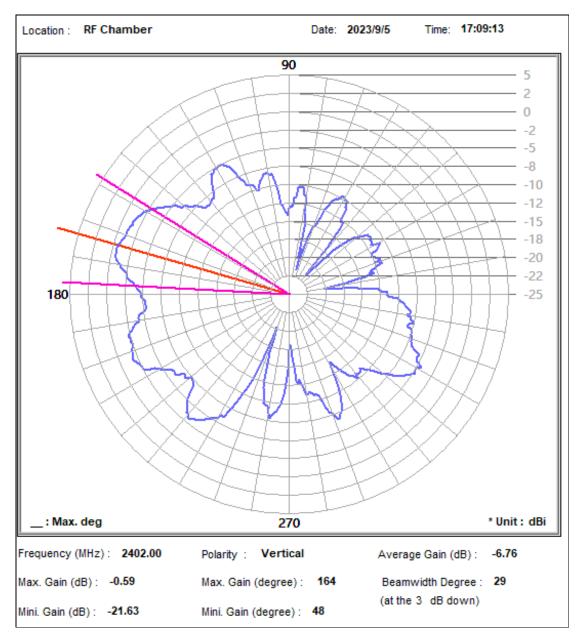
Frequency: 2402 MHz (Horizontal)



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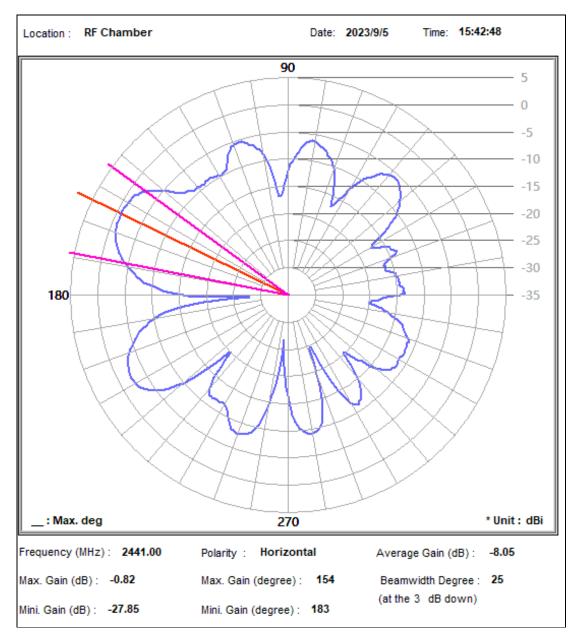
Frequency: 2402 MHz (Vertical)



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Frequency: 2441 MHz (Horizontal)

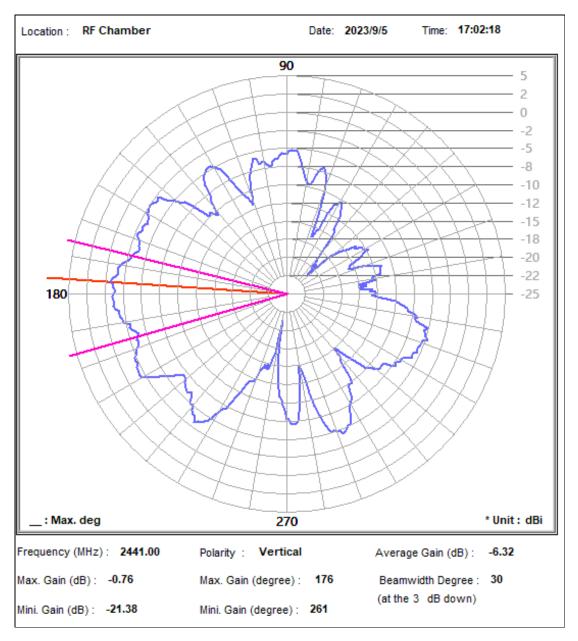


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Frequency: 2441 MHz (Vertical)

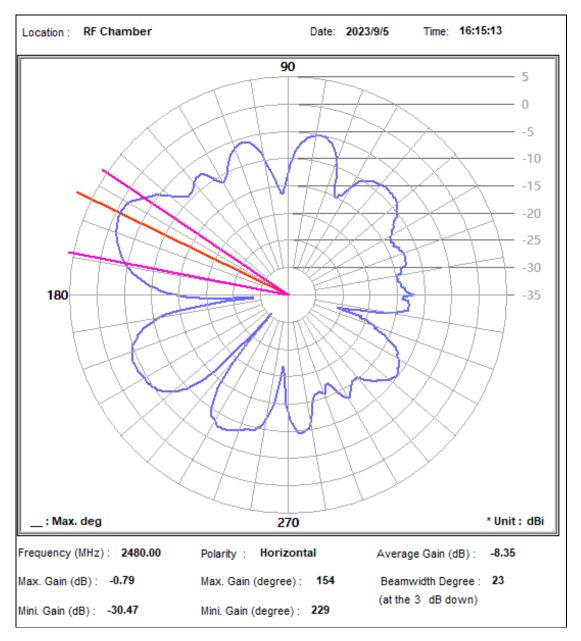


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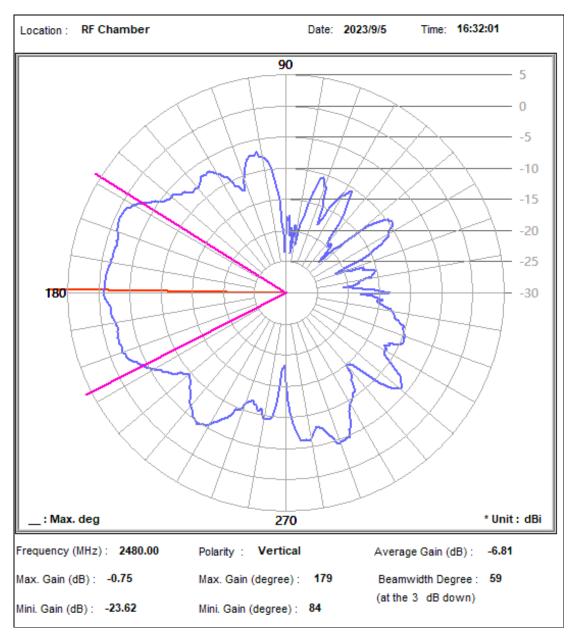
Frequency: 2480 MHz (Horizontal)



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Frequency: 2480 MHz (Vertical)

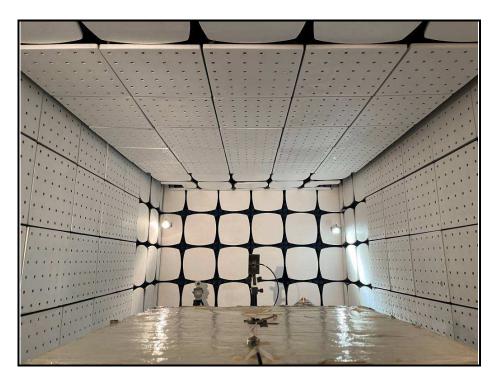


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5. PHOTOGRAPHS OF THE TEST CONFIGURATION



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