ANTENNA TEST REPORT

Applicant	Belkin International, Inc.
Address	555 S Aviation Blvd., Unit 180，El Segundo, CA 90245, USA

Manufacturer or Supplier	Belkin International, Inc.
Address	555 S Aviation Blvd., Unit 180，El Segundo, CA 90245, USA
Product	Antenna
Brand Name	N/A
Model	AUC011
Max. Peak Gain	-0.82 dBi
Date of tests	Dec. 25, 2023

Tested by Andy Zhu Supervisor / EMC Department	Approved by Glyn He Assistant Manager / EMC Department
	 Date: Jan. 04, 2024

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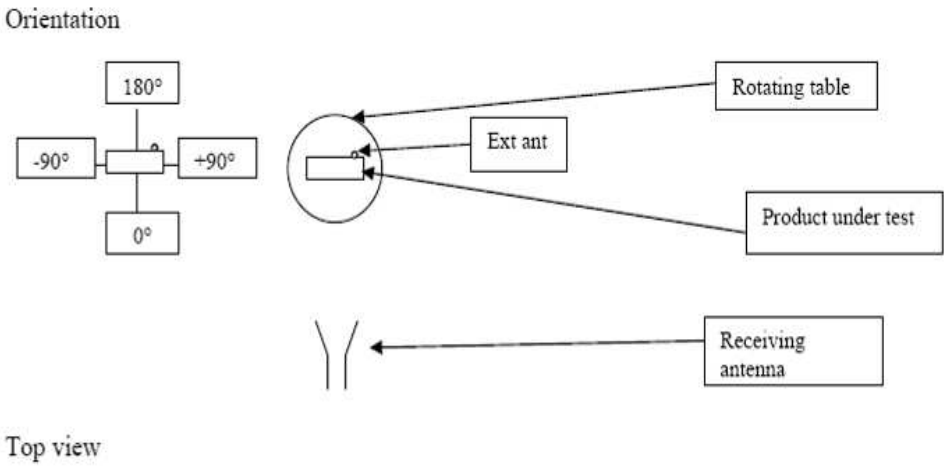
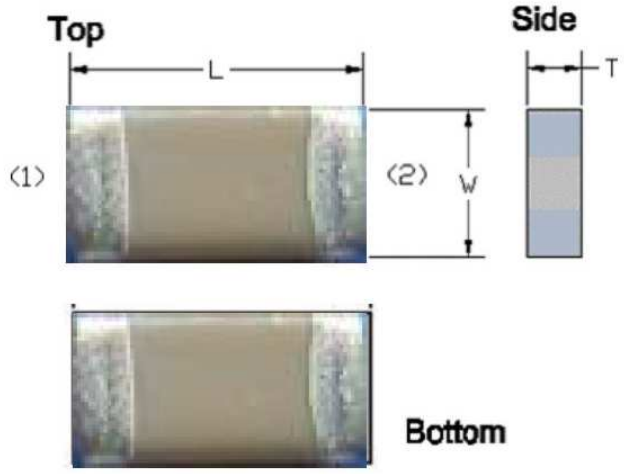
1. MEASUREMENTS SETUP



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,

2. SIZE OF THE ANTENNA



Dimension (mm)	
L	2.05+-0.10
W	1.20+-0.10
T	0.65+-0.10

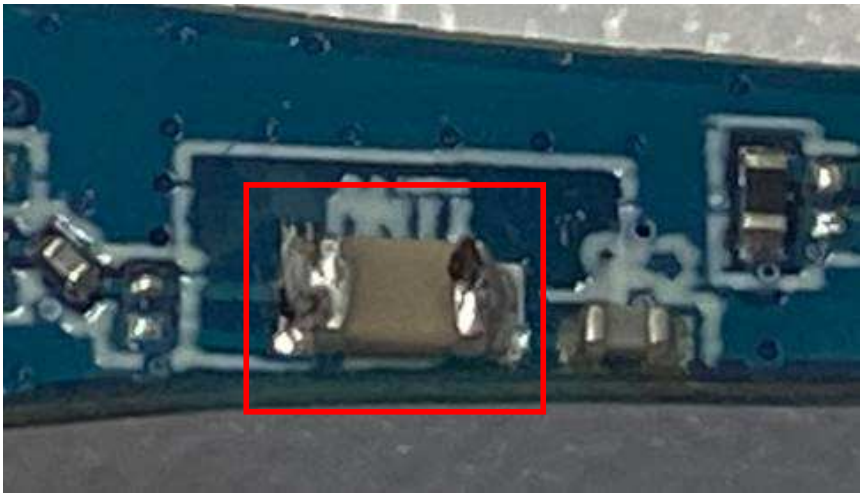
3. TEST INSTRUMENTS

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

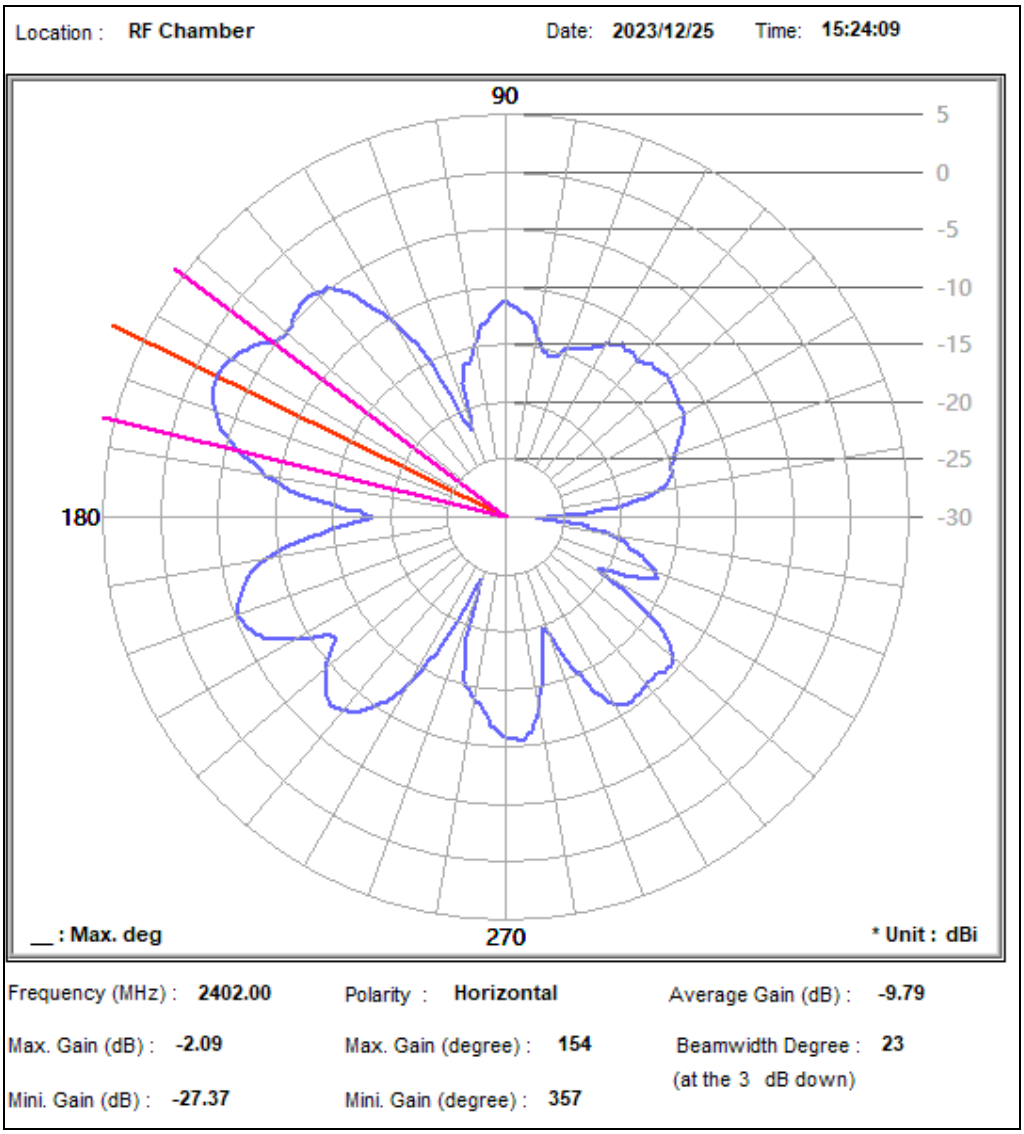
NOTE: 1. The test was performed in Fully Anechoic Room.
2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.

4. TEST RESULTS

ANTENNA	FREQUENCY (MHz)	ANTENNA POLARITY	MAX. PEAK GAIN (dBi)
Chip	2402	Horizontal	-2.09
		Vertical	-9.12
	2441	Horizontal	**-0.82**
		Vertical	-8.20
	2480	Horizontal	-3.42
		Vertical	-7.87

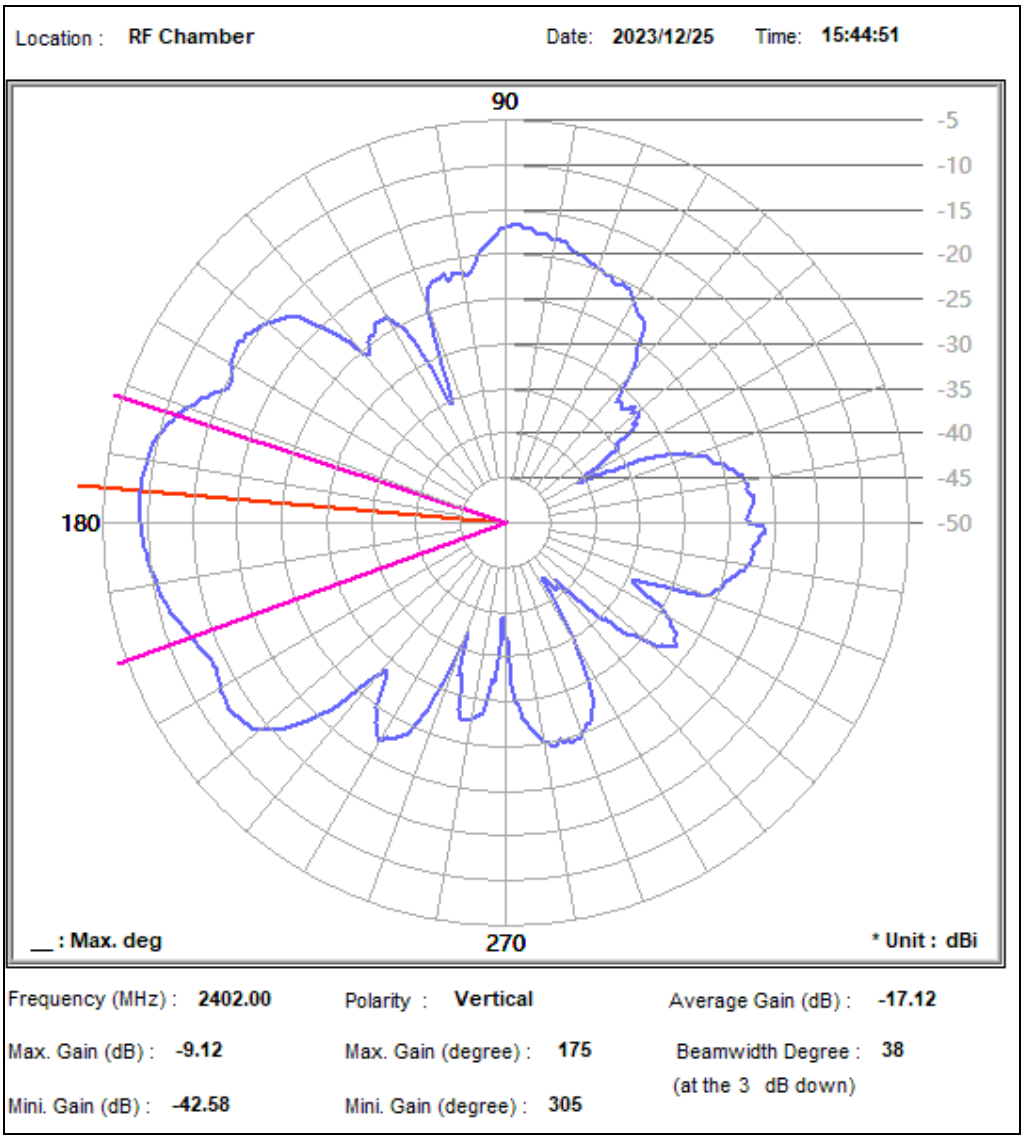


Frequency: 2402 MHz (Horizontal)

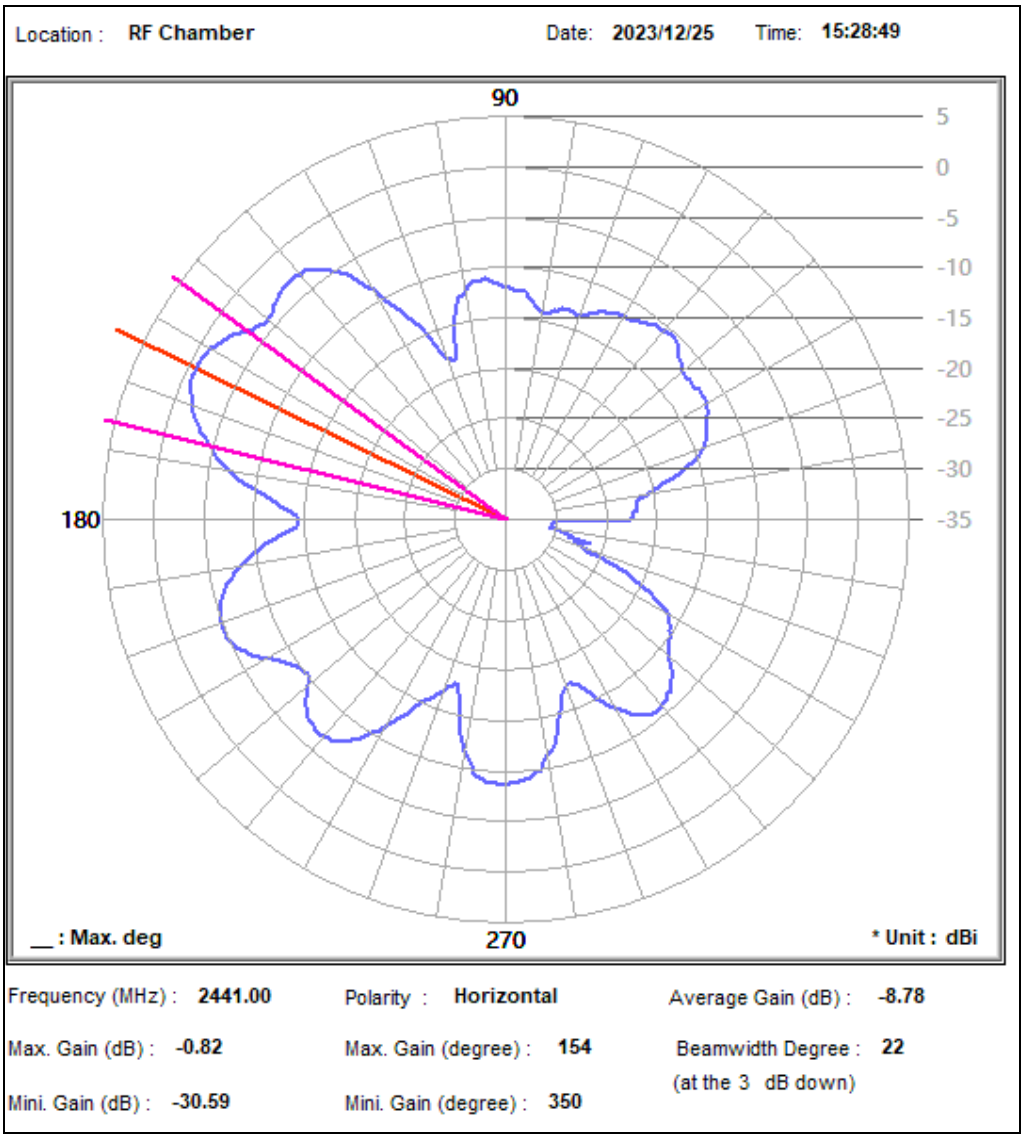


Frequency (MHz) : 2402.00	Polarity : Horizontal	Average Gain (dB) : -9.79
Max. Gain (dB) : -2.09	Max. Gain (degree) : 154	Beamwidth Degree : 23 (at the 3 dB down)
Mini. Gain (dB) : -27.37	Mini. Gain (degree) : 357	

Frequency: 2402 MHz (Vertical)

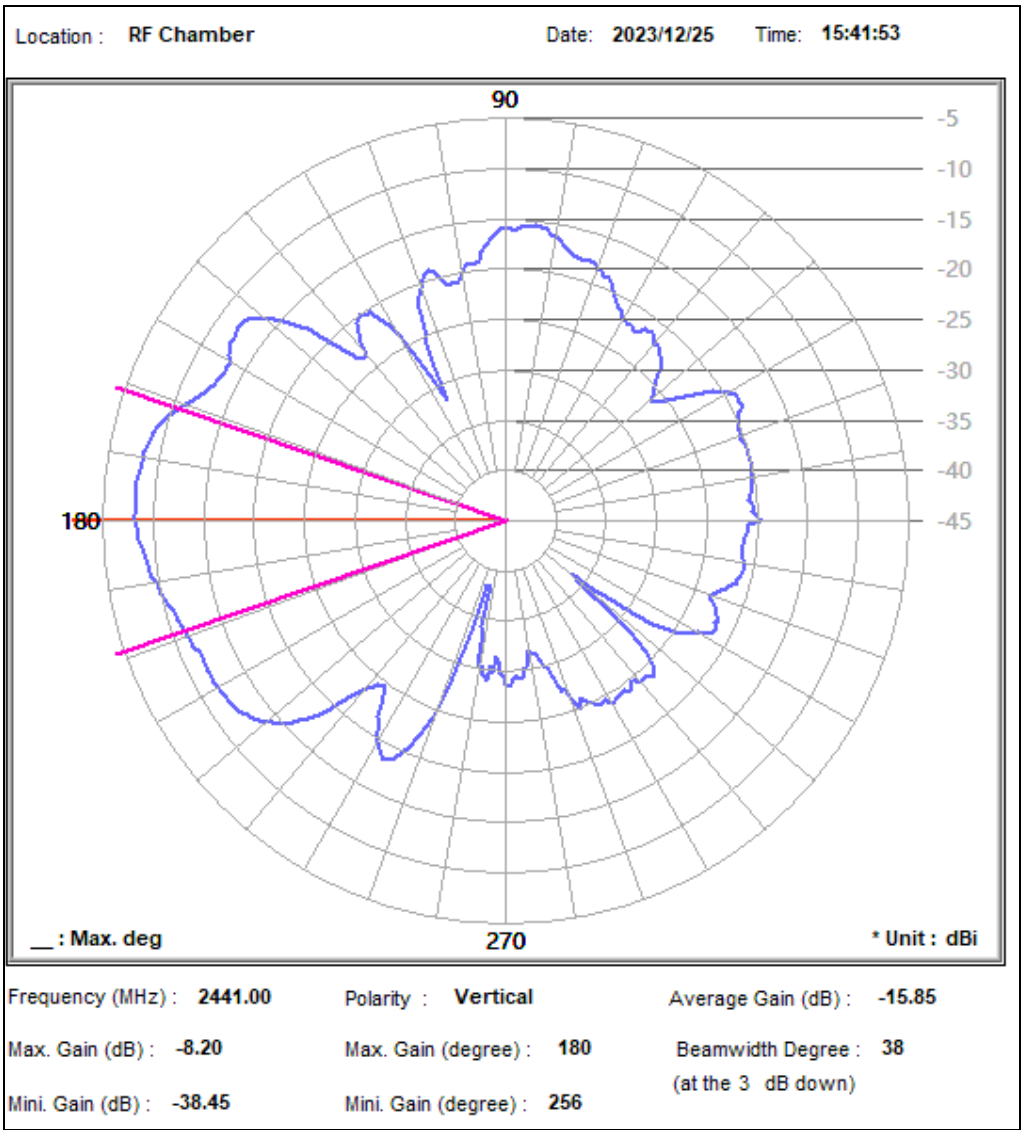


Frequency: 2441 MHz (Horizontal)

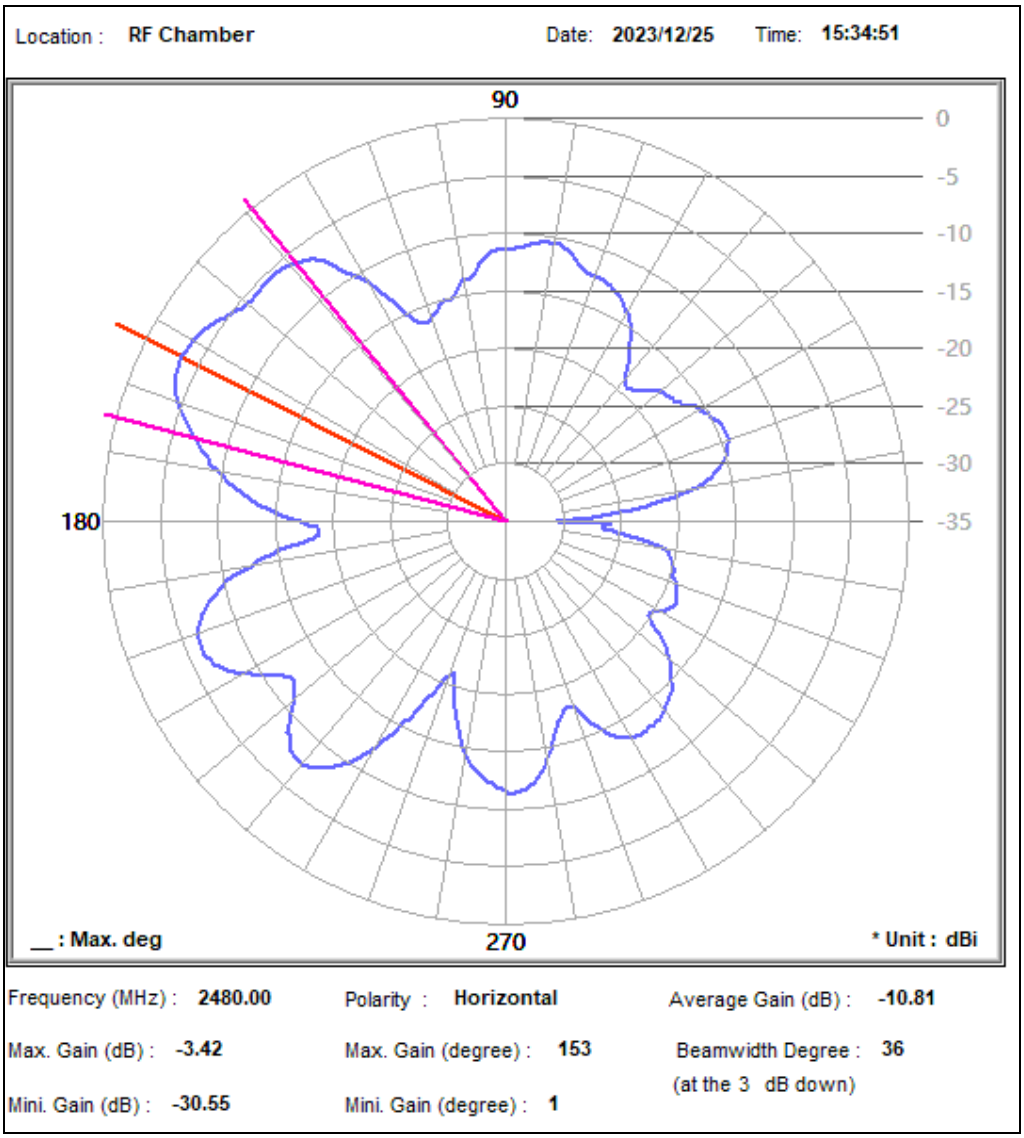


Frequency (MHz) : 2441.00	Polarity : Horizontal	Average Gain (dB) : -8.78
Max. Gain (dB) : -0.82	Max. Gain (degree) : 154	Beamwidth Degree : 22 (at the 3 dB down)
Mini. Gain (dB) : -30.59	Mini. Gain (degree) : 350	

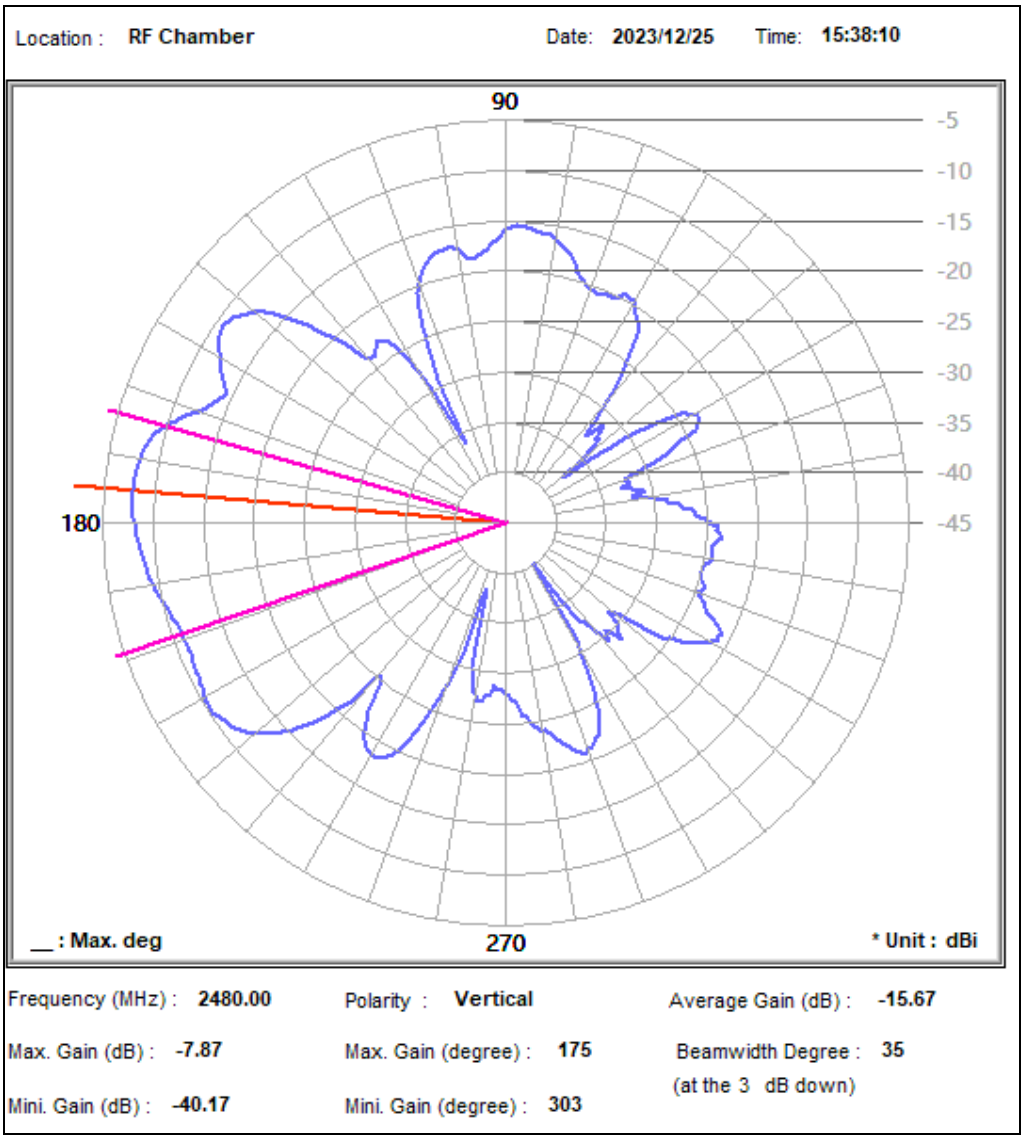
Frequency: 2441 MHz (Vertical)



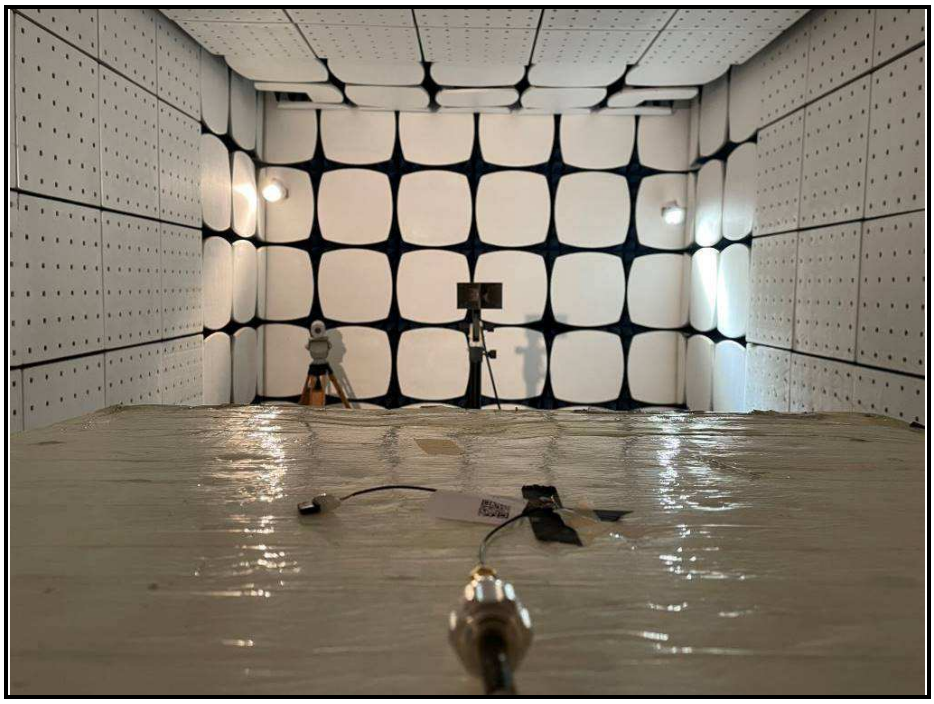
Frequency: 2480 MHz (Horizontal)



Frequency: 2480 MHz (Vertical)



5. PHOTOGRAPHS OF THE TEST CONFIGURATION



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