



Antenna Test Report

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Date : 2026 / 06 / 11

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City, Guangdong Province

1. Antenna Profile

Device



*WiFi
Antenna*



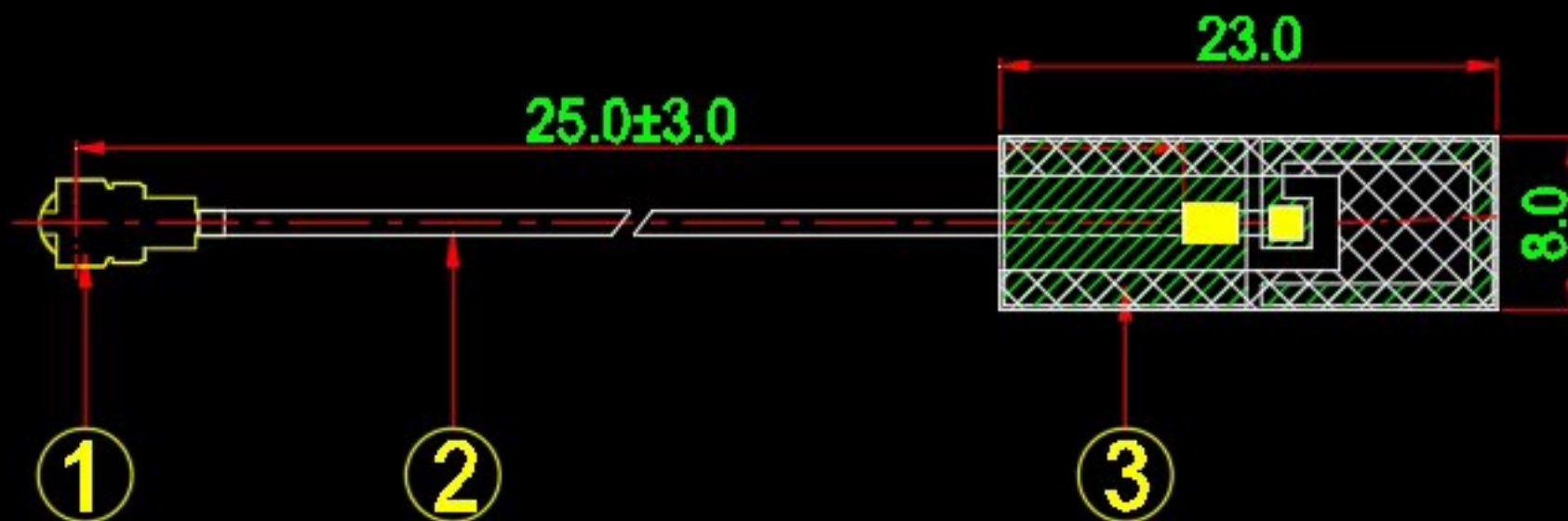
RoHS
Compatible

CUSTOMER
PART NO

REV.
△

DESCRIPTION
首次发行

DATE
2025-10-09



Wraith 2.0_WIFI_XXXXXX

日期



东莞市一佳电子通讯科技有限公司
DONGGUAN YIJIA ELECTRONICS COMMUNICATION TECHNOLOGY CO.,LTD

PART NAME:WIFI Antenna L=25mm MHF

PART NO.:YJT01.182.034.301A

DATE: 2025-10-09

APPROVED BY

CHECKED BY

DESIGNED BY



Tolerance

陆明兰

周颖杰

廖光喜

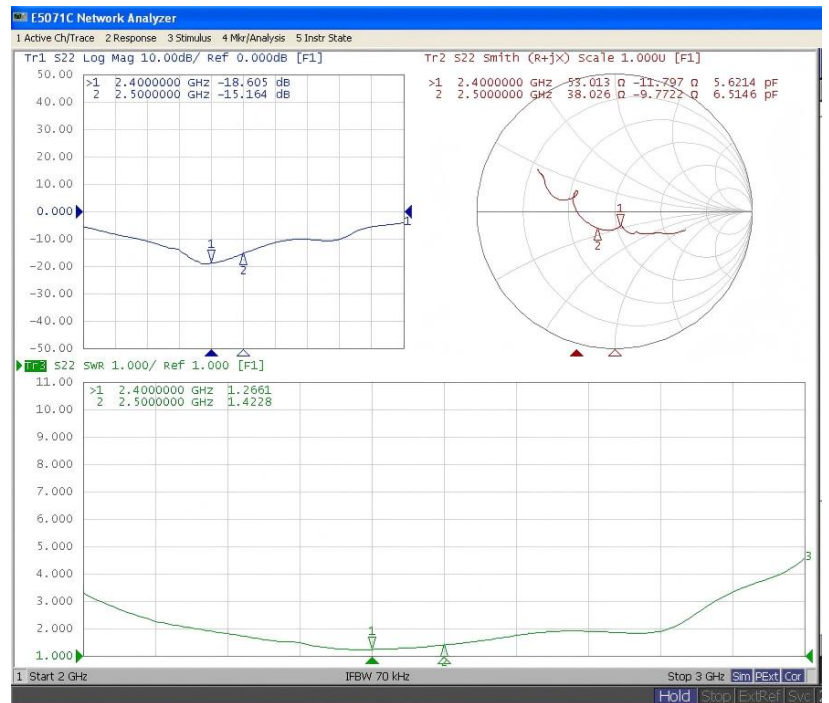
UNIT8: mm
SCALE: 1/1
REVISION: A

X.X ±0.50
X.XX±0.15
X° ±3°

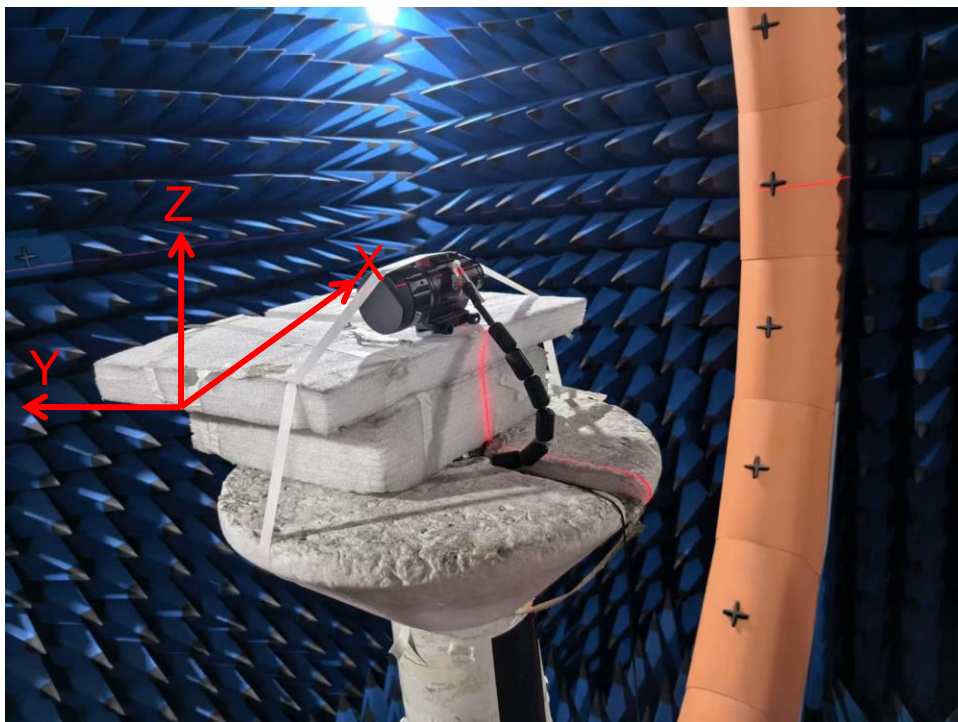
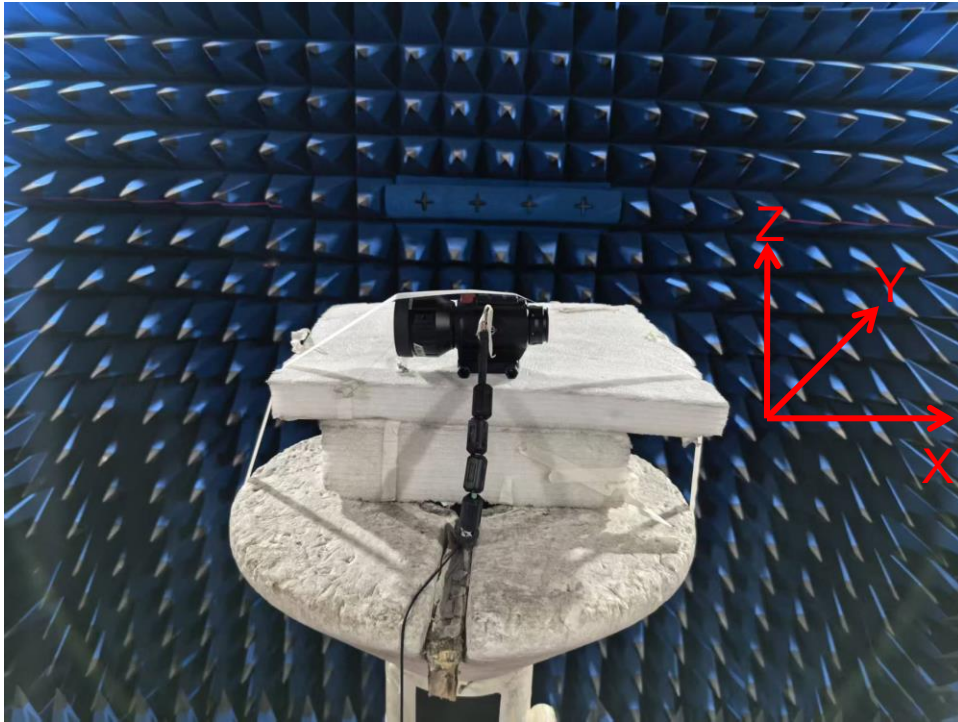
3	FPC	23.0*8.0mm	FPC	1
2	Coaxial Cable	O.D.0.81 Black	O.D.0.81	1
1	Mini Connector	Au Plated 1代	Cu	1
NO	PART NAME	DESCRIPTION	Material	Q.TY

2. Antenna Performance Test

*Agilent
E5071C
S
Parameter
Test //
WiFi
Antenna*



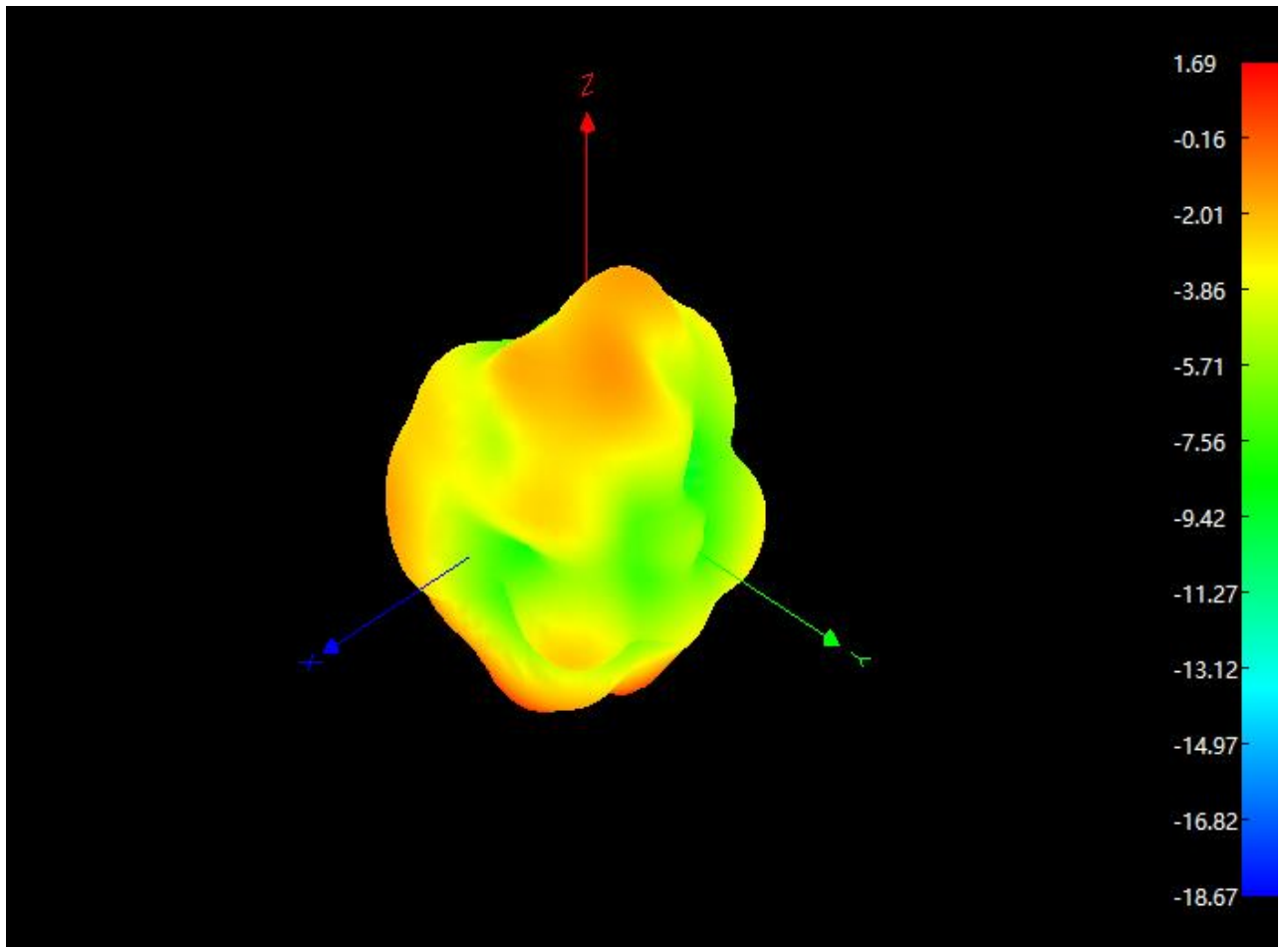
3. *Antenna Passive Test*



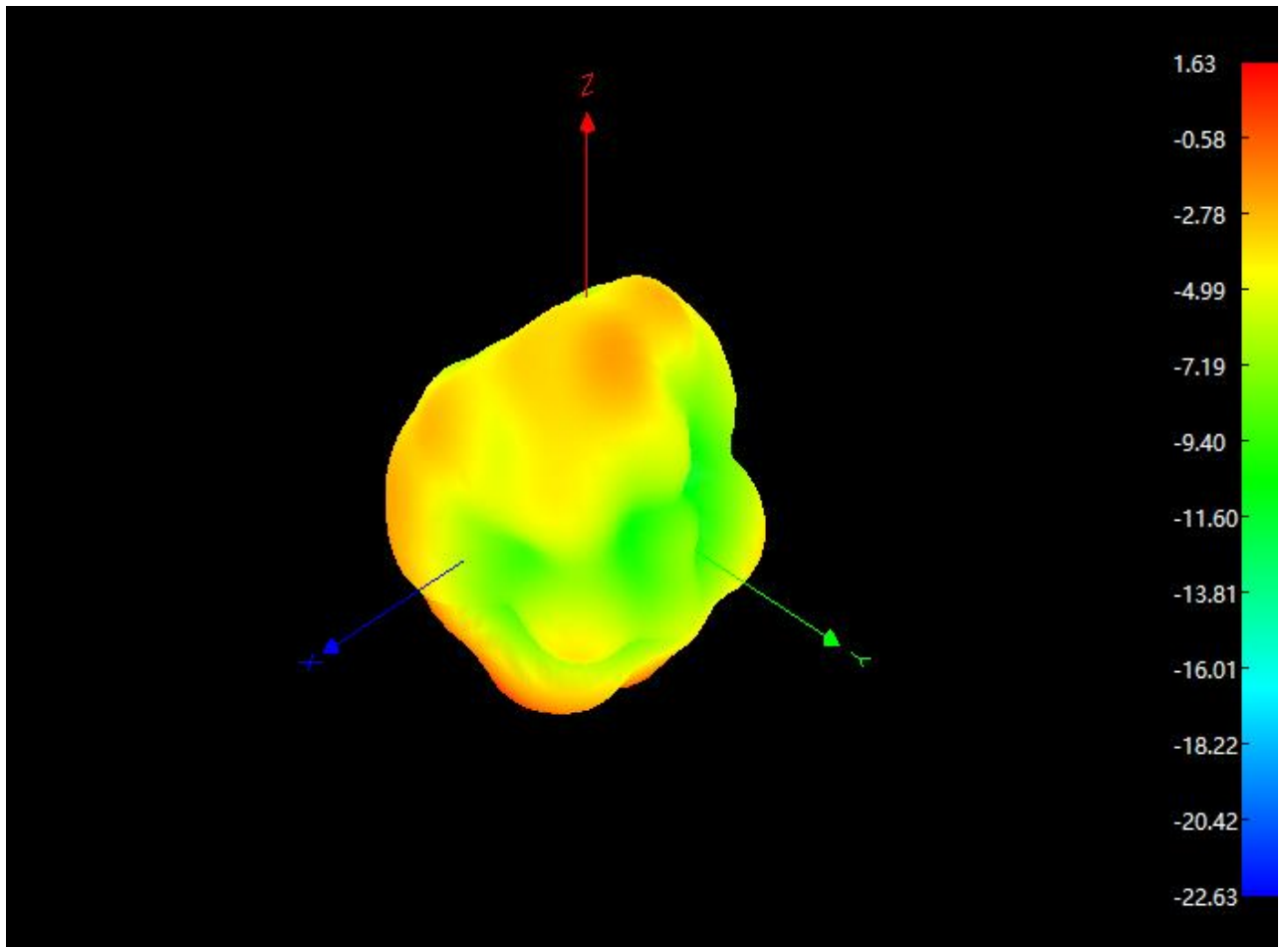
Passive Test For WiFi Antenna(2.4G)

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	26.0	-5.9	1.7
2410	25.9	-5.9	1.7
2420	25.4	-6.0	1.5
2430	25.4	-6.0	1.5
2440	25.4	-6.0	1.3
2450	26.7	-5.7	1.6
2460	25.9	-5.9	1.4
2470	26.8	-5.7	1.8
2480	25.6	-5.9	1.3
2490	26.1	-5.8	1.5
2500	24.4	-6.1	1.1

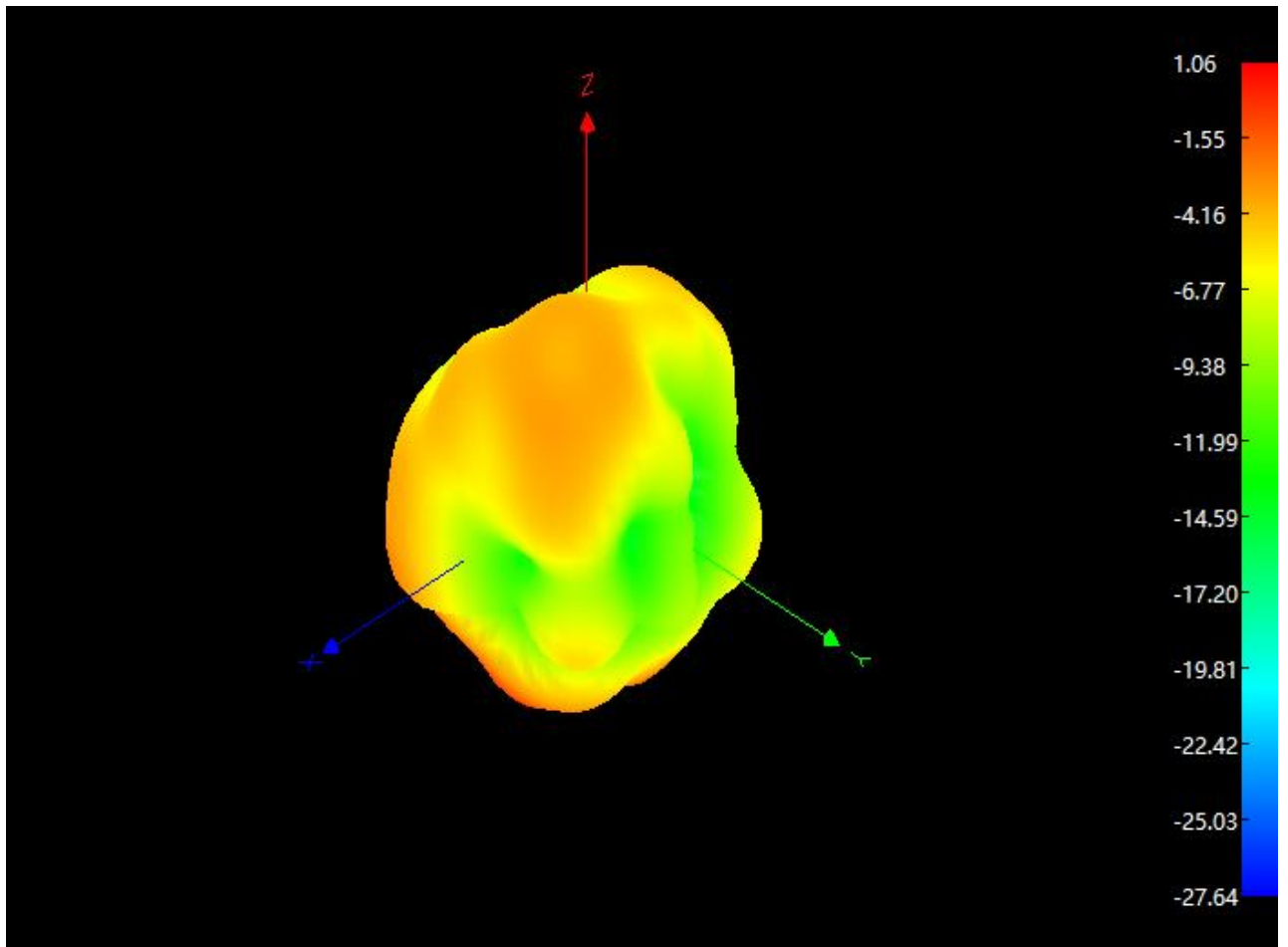
Radiation Pattern For WiFi Antenna (2400MHz)



Radiation Pattern For WiFi Antenna (2450MHz)

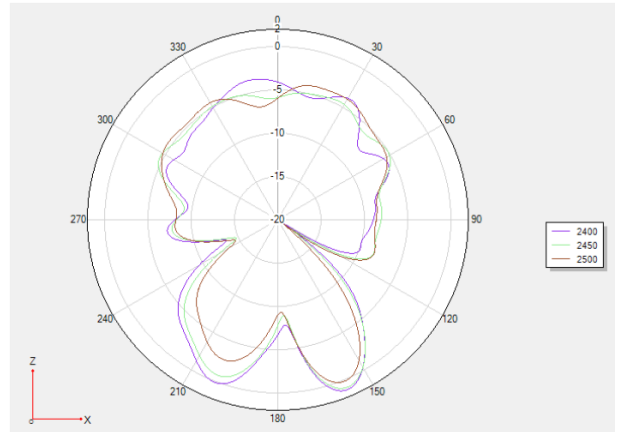


Radiation Pattern For WiFi Antenna (2500MHz)

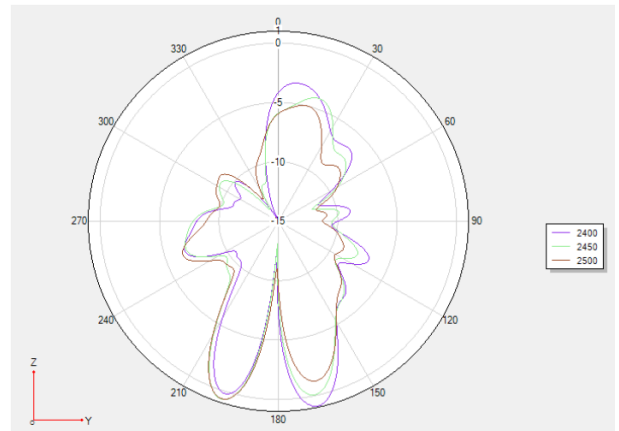


Radiation Pattern For WiFi Antenna

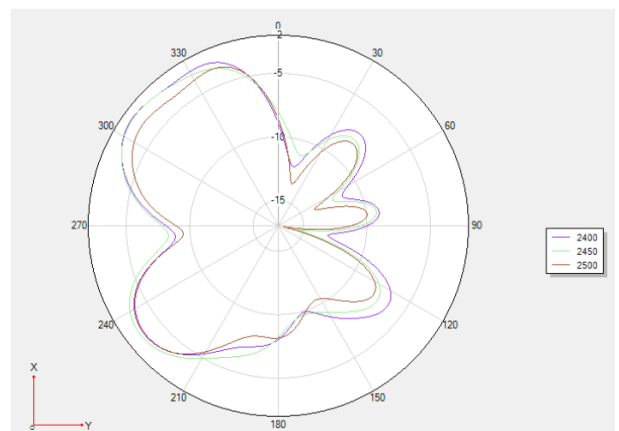
Phi 0°



Phi 90°



Theta 90°



4. Assembly Picture

WiFi Antenna

