



规格承认书

SPECIFICATION FOR APPROVAL

日期 Date	2024/11/25
编号 File No	24112502
版本 Revision	1.0

客户
CUSTOMER: Telepower

客户料号
CUSTOMER NO: C9QI

品名
PART NAME: WIFI AUX Antenna

供方料号
SUPPLIER NO: YJW01.076.309.302A

送样日期Date:

送样数量Q'TY:

客户确认CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR

供方确认 SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
 ChenGuoqiang	XieLi	ChenXingyi

YJ-RD-F04-A

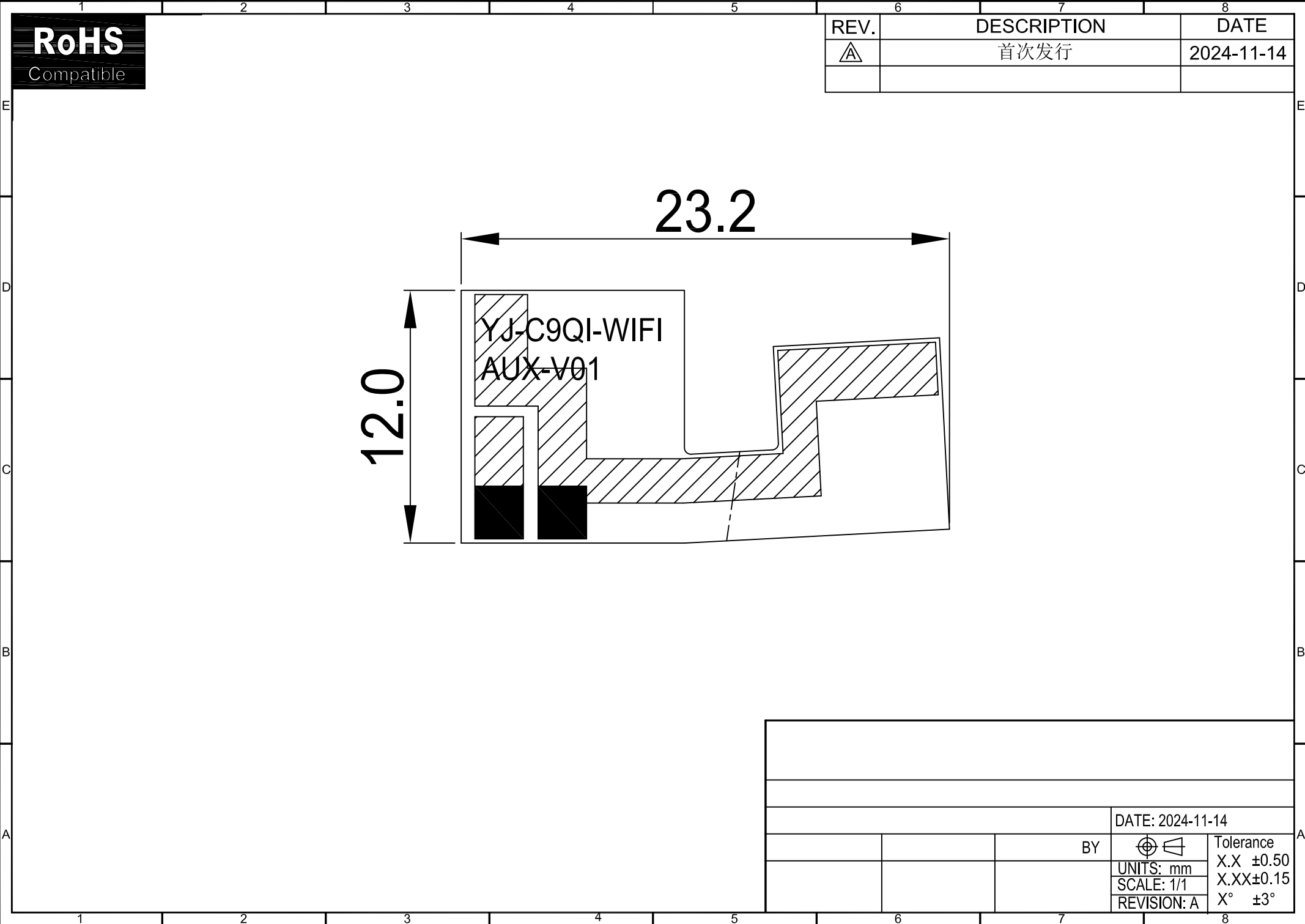




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RoHS
Compatible

REV.	DESCRIPTION	DATE
△	首次发行	2024-11-14

			DATE: 2024-11-14	
		BY		Tolerance
			UNITS: mm	X.X ±0.50
			SCALE: 1/1	X.XX±0.15
			REVISION: A	X° ±3°



天线规格
Antenna Specification

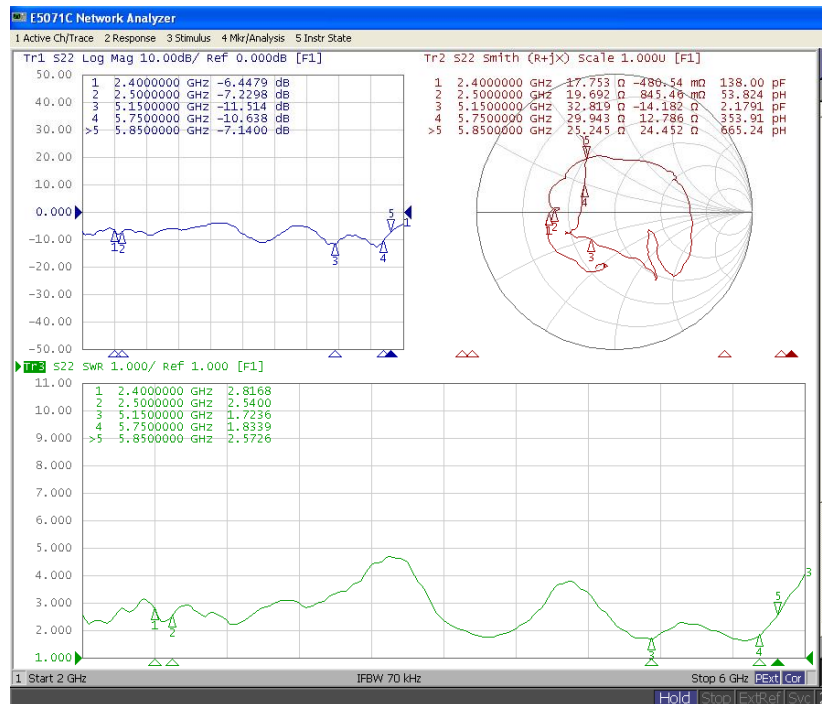
Electrical Properties	
Frequency	2.4-2.5GHz 5.15-5.85GHz
Impedance	50 Ohm Nominal
V.S.W.R	3.0 Max
Gain	5.2 dBi@2.4-2.5GHz 3.0 dBi@5.15-5.85GHz
Radiation	Omni-directional
Polarization	Linear
Physical Properties	
Connector	None
Cable Type	None
Cable Length	None
Cable Color	None
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%





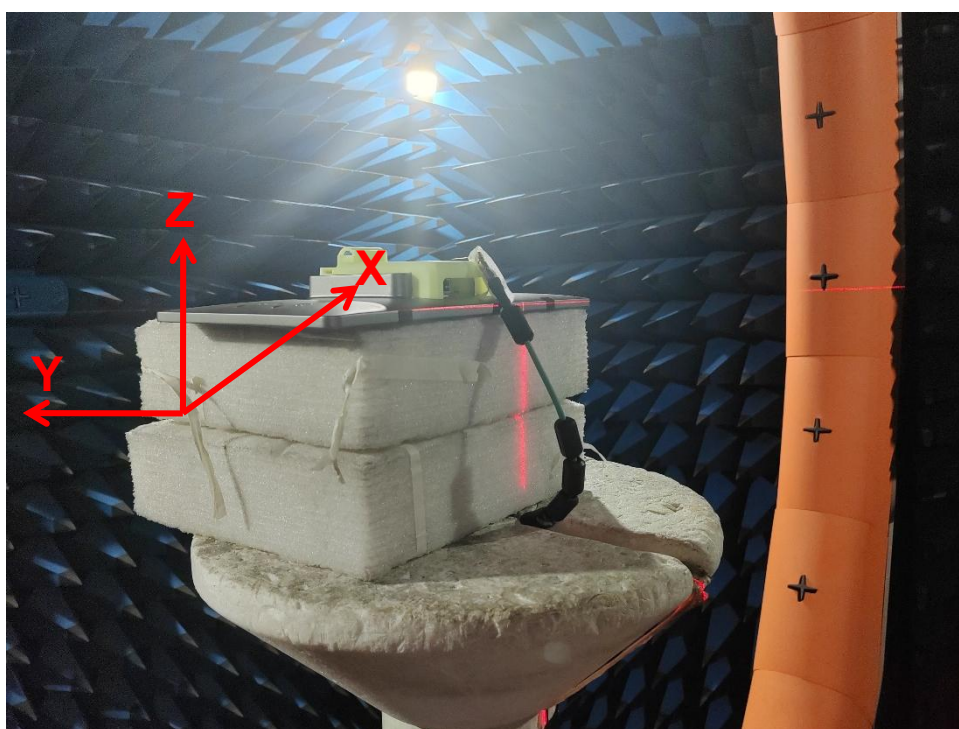
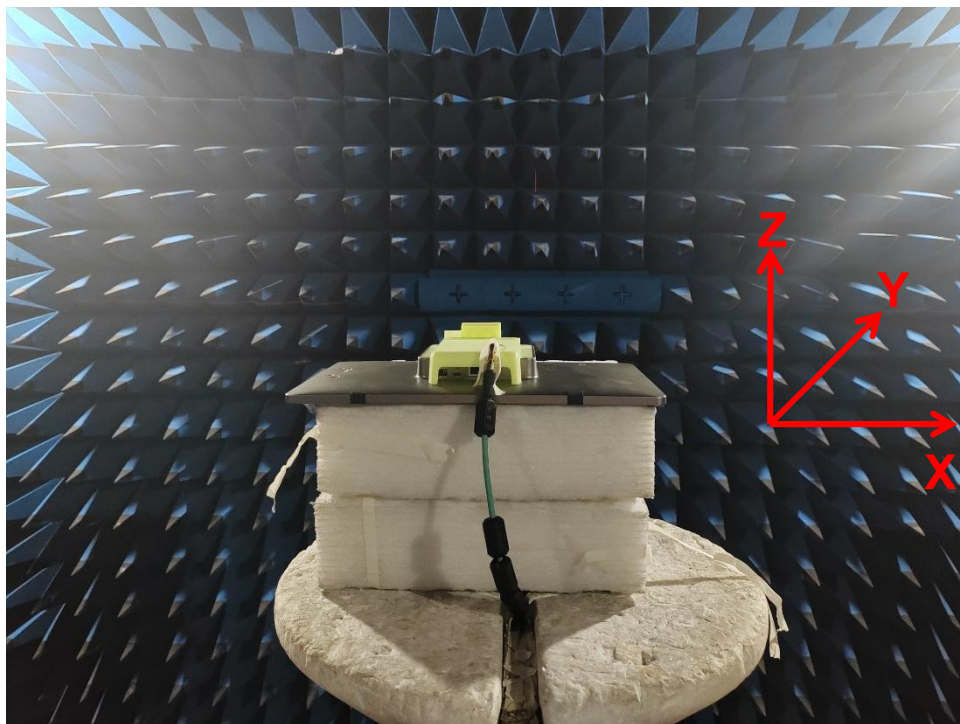
东莞市一佳电子通讯科技有限公司
DONGGUAN YIJIA ELECTRONICS COMMUNICATION TECHNOLOGY CO., LTD

*Agilent
E5071C
S
Parameter
Test //
WiFi Aux
Antenna*





Antenna Passive Test





Passive Test For WiFi Aux Antenna(2.4G)			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	37.0	-4.3	4.7
2410	37.5	-4.3	4.8
2420	36.4	-4.4	4.7
2430	36.1	-4.4	4.8
2440	36.9	-4.3	5.0
2450	36.9	-4.3	5.1
2460	36.1	-4.4	5.2
2470	36.1	-4.4	5.1
2480	36.2	-4.4	5.2
2490	36.4	-4.4	5.0
2500	35.6	-4.5	4.8





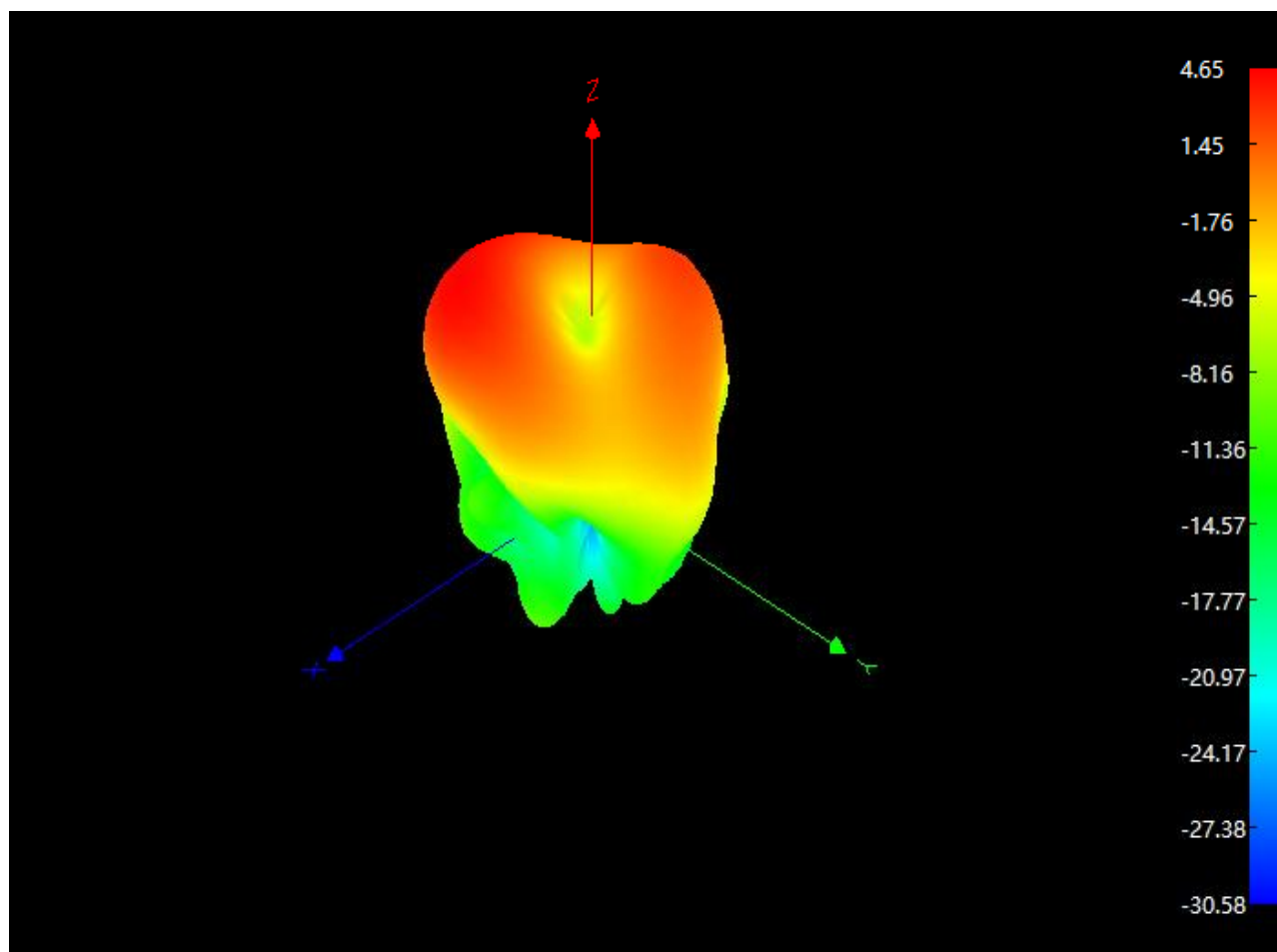
Passive Test For WiFi Aux Antenna(5.8G)

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
5150	33.4	-4.8	3.0
5200	32.2	-4.9	2.6
5250	27.7	-5.6	2.0
5300	27.2	-5.7	1.7
5350	29.2	-5.3	1.4
5400	32.2	-4.9	2.3
5450	33.4	-4.8	2.7
5500	32.7	-4.9	2.8
5550	34.5	-4.6	2.7
5600	36.2	-4.4	2.3
5650	32.1	-4.9	1.7
5700	29.7	-5.3	0.9
5750	36.1	-4.4	1.4
5800	30.2	-5.2	1.1
5850	26.8	-5.7	0.3



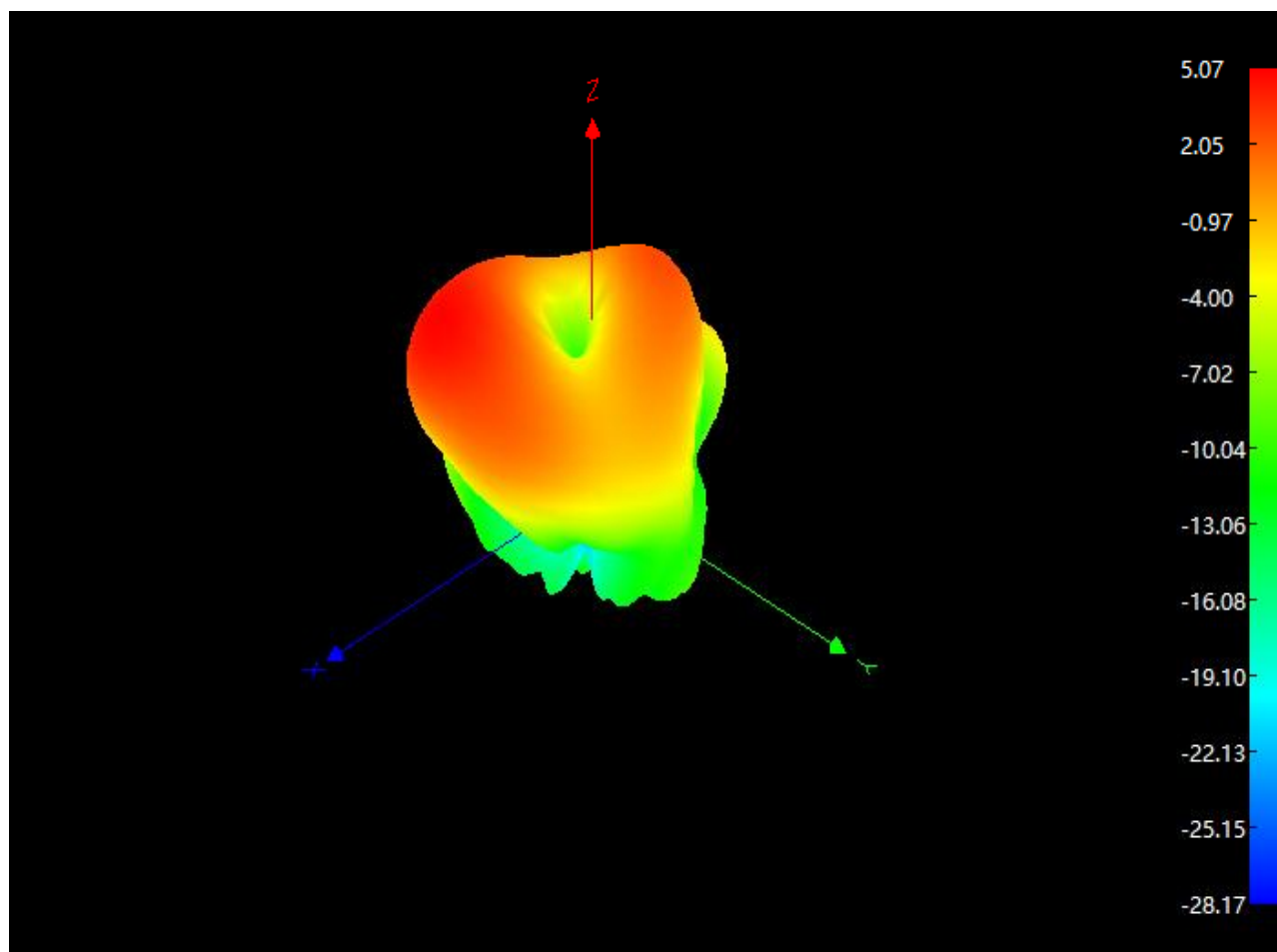


Radiation Pattern For WiFi Aux Antenna (2400MHz)



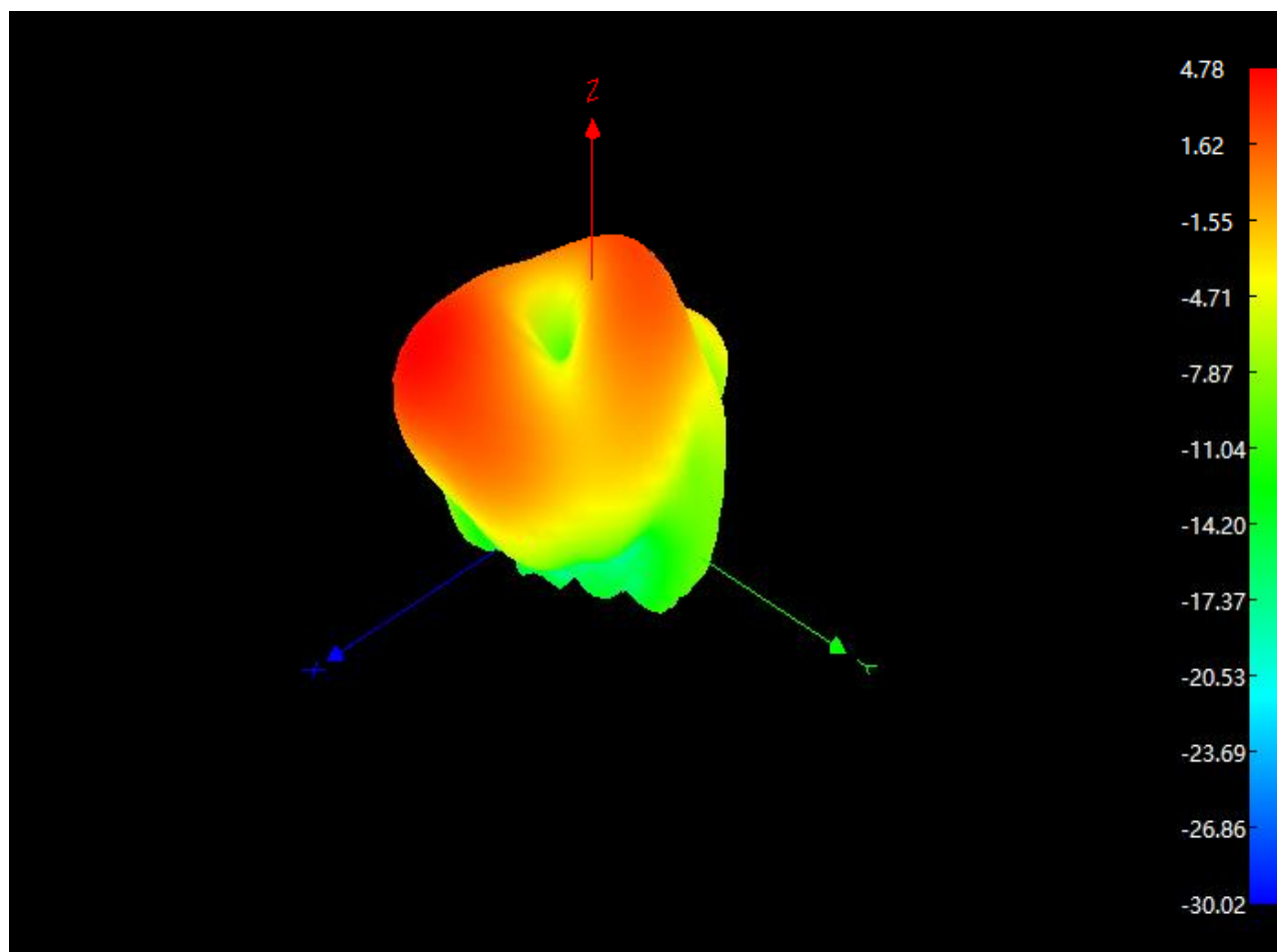


Radiation Pattern For WiFi Aux Antenna (2450MHz)



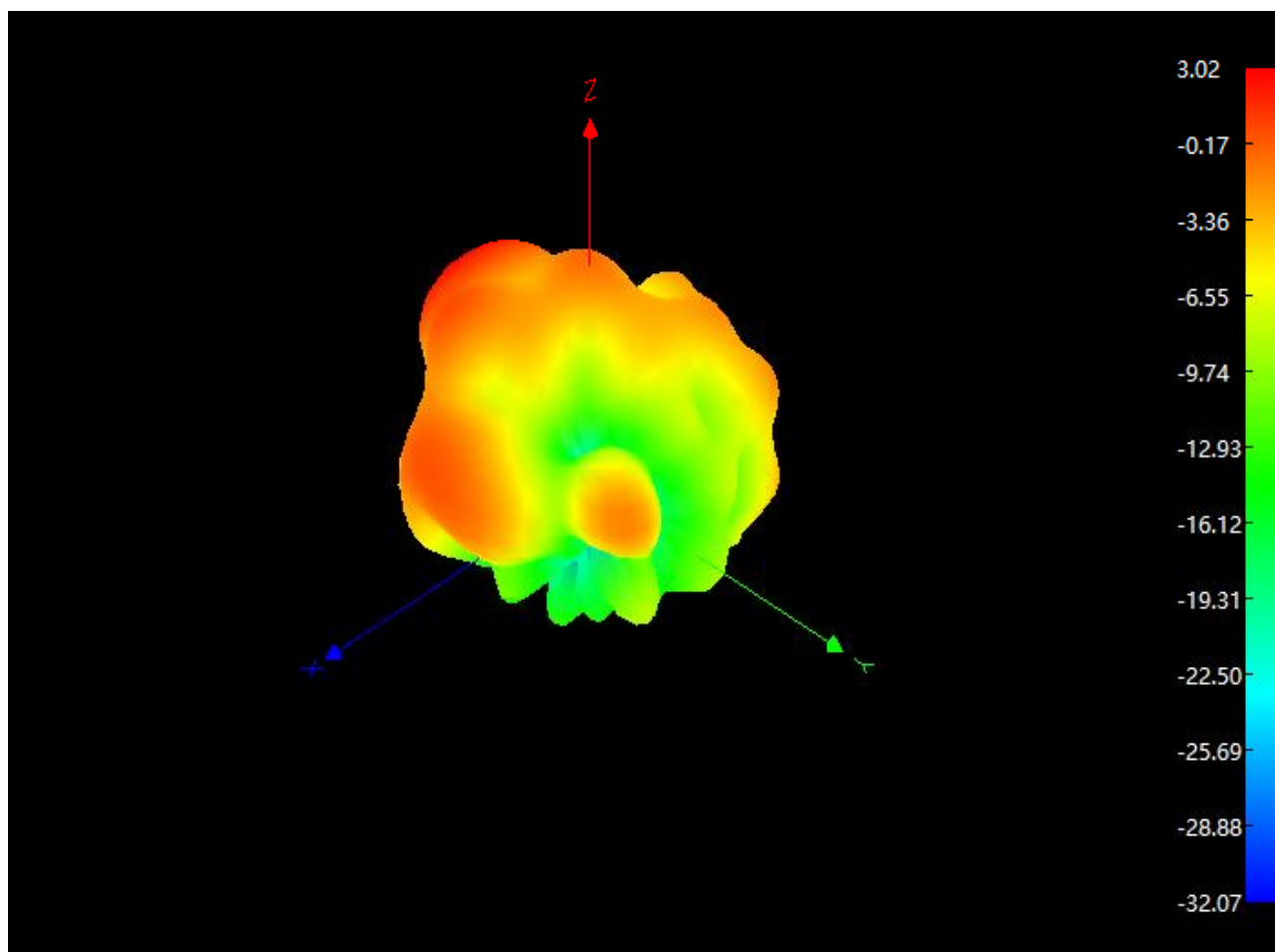


Radiation Pattern For WiFi Aux Antenna (2500MHz)



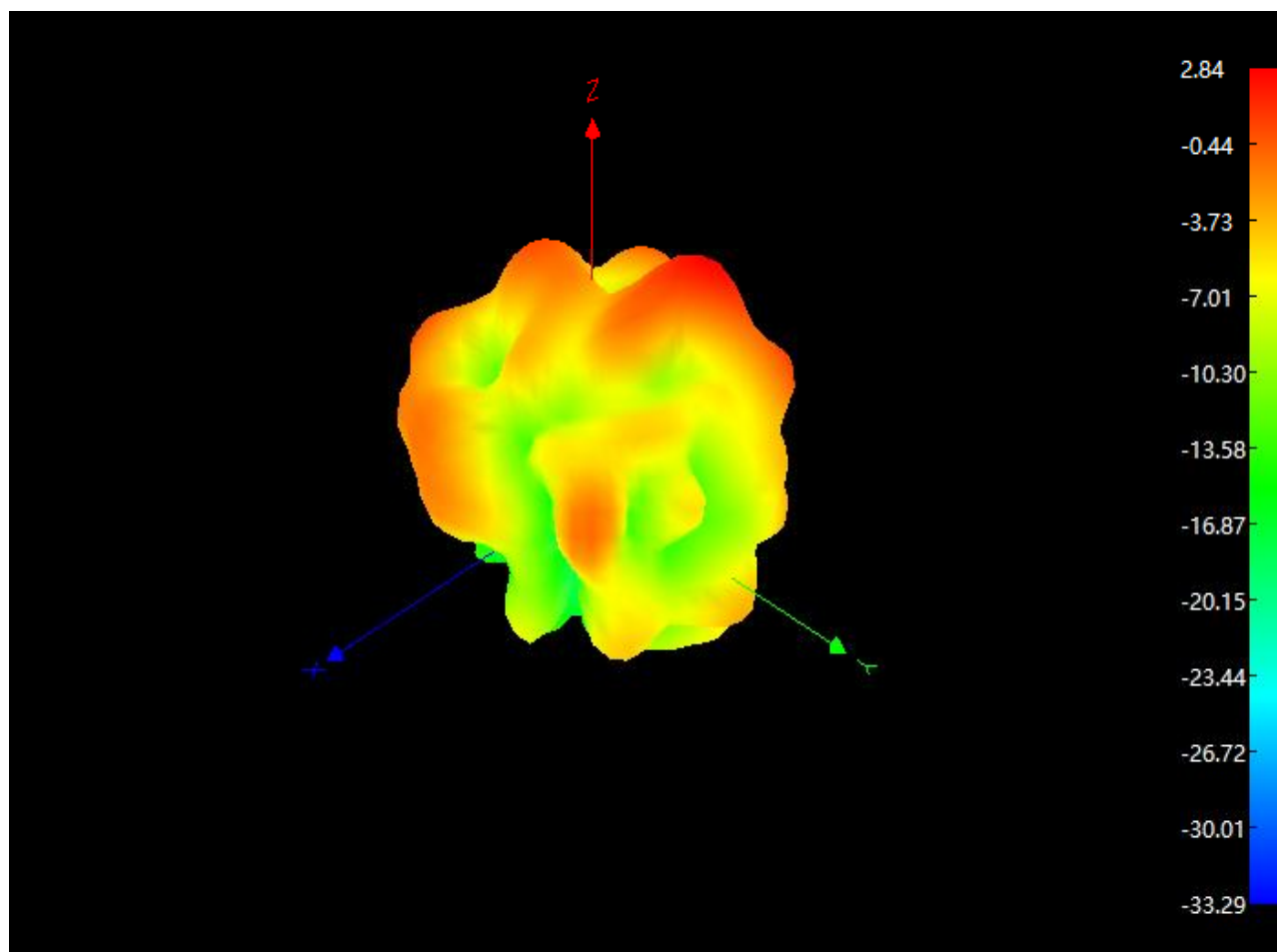


Radiation Pattern For WiFi Aux Antenna (5150MHz)





Radiation Pattern For WiFi Aux Antenna (5500MHz)





Radiation Pattern For WiFi Aux Antenna (5850MHz)

