



规格承认书

SPECIFICATION FOR APPROVAL

日期 Date	2024/11/25
编号 File No	24112501
版本 Revision	1.0

客户
CUSTOMER: Telepower

客户料号
CUSTOMER NO: C9QI

品名
PART NAME: WIFI MAIN Antenna

供方料号
SUPPLIER NO: YJW01.076.309.301A

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

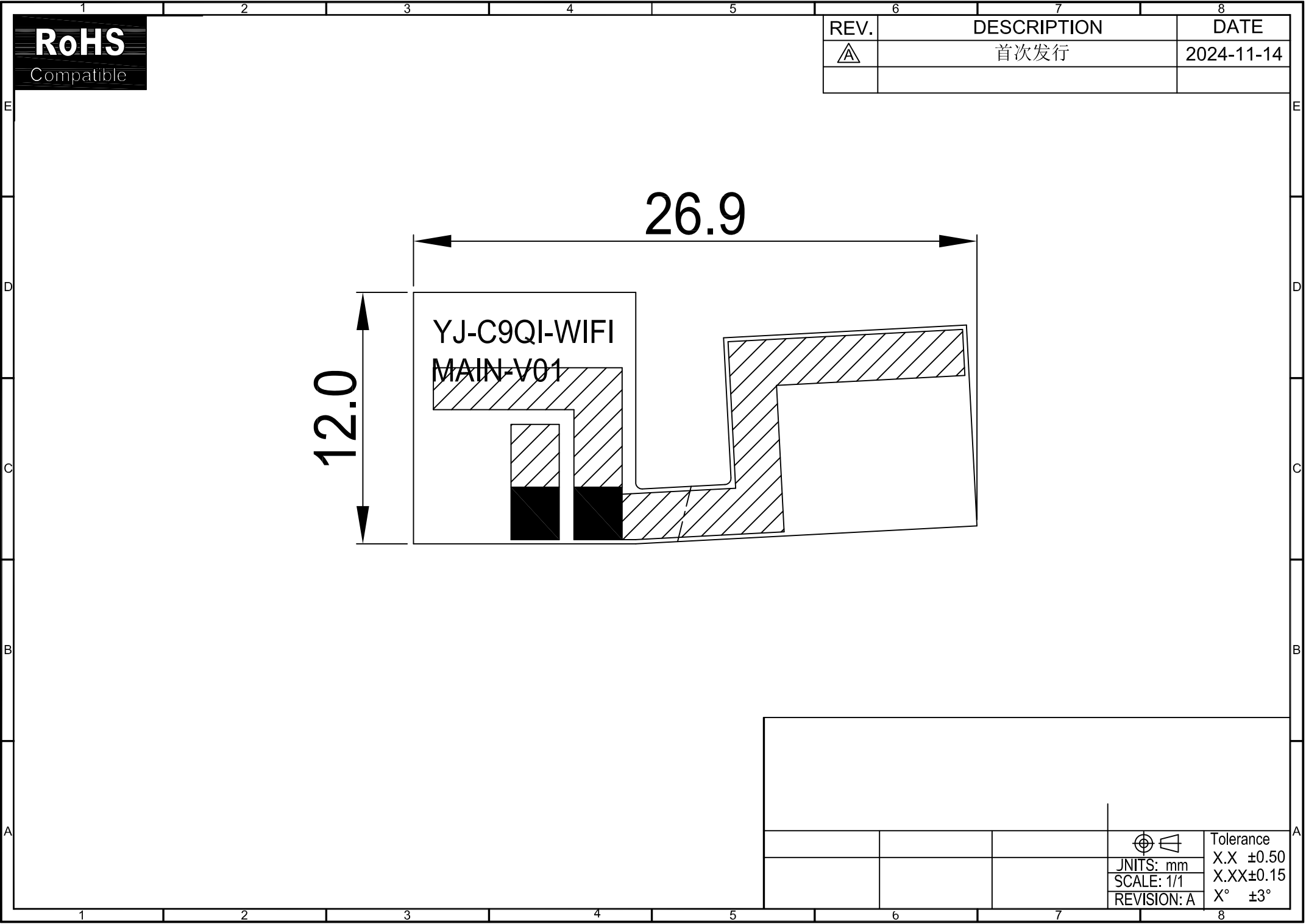
YJ-RD-F04-A





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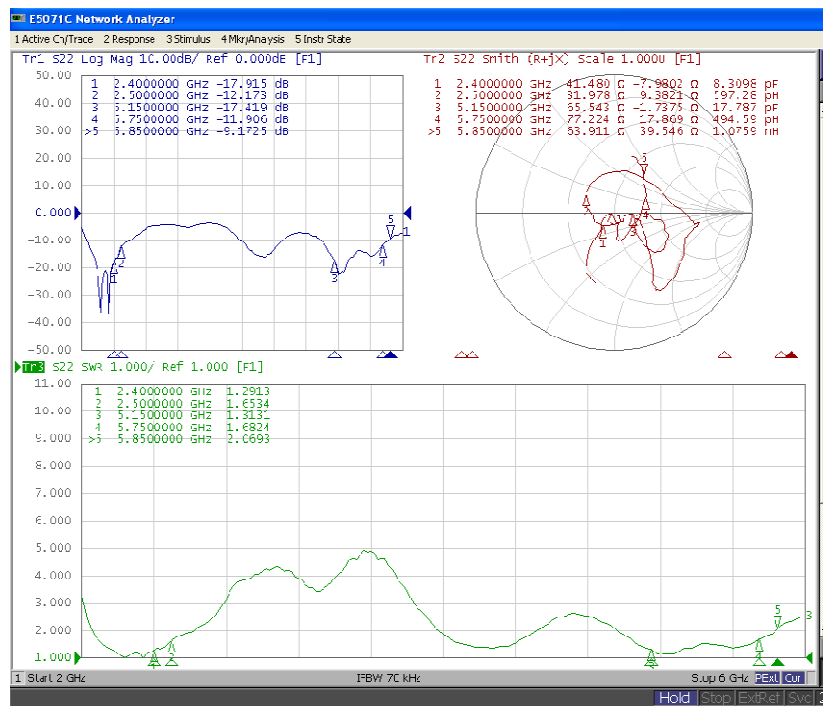
天线规格
Antenna Specification

Electrical Properties	
Frequency	2.4-2.5GHz 5.15-5.85GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max@2.4-2.5GHz 2.5 Max@5.15-5.85GHz
Gain	6.6 dBi@2.4-2.5GHz 5.3 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%



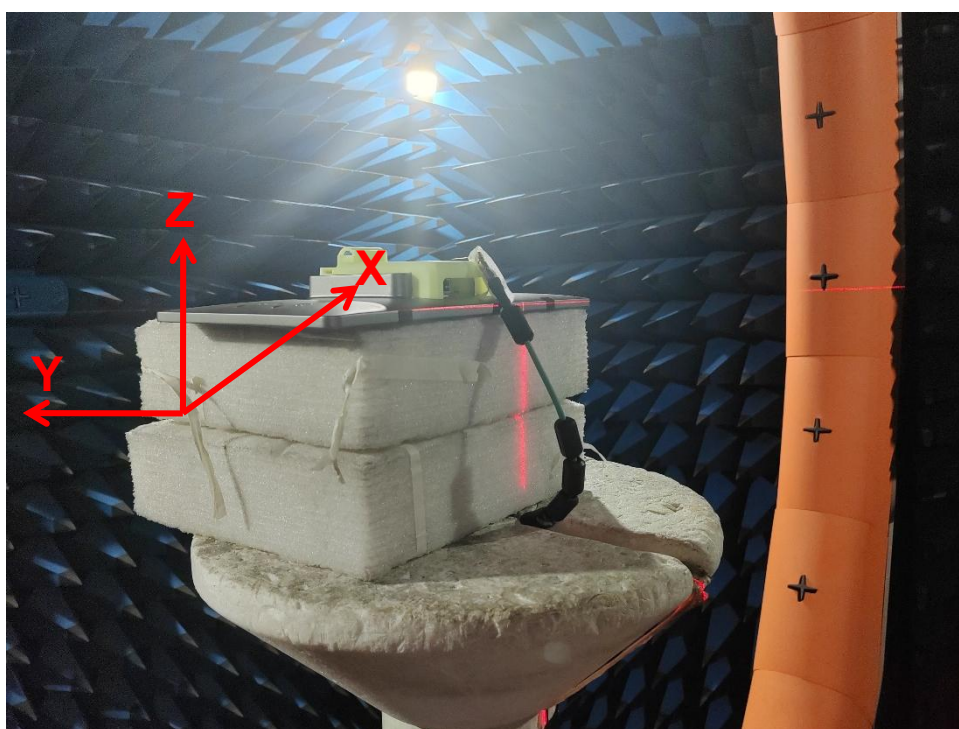
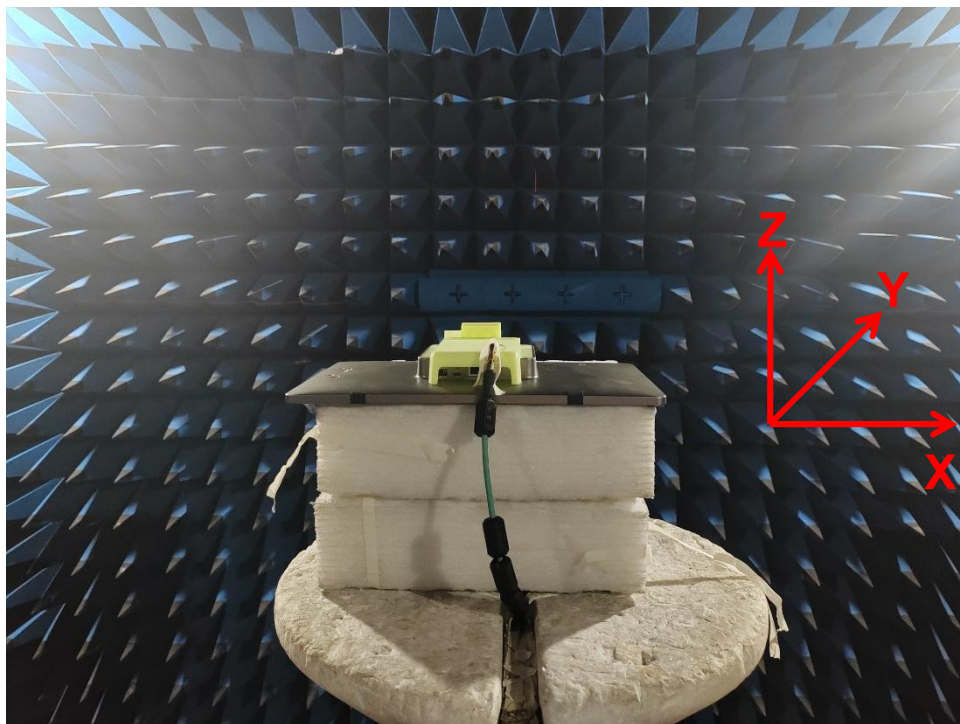


*Agilent
E5071C
S
Parameter
Test //
WiFi Main
Antenna*





Antenna Passive Test





Passive Test For WiFi Main Antenna(2.4G)			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	47.6	-3.2	6.6
2410	47.6	-3.2	6.4
2420	46.5	-3.3	6.0
2430	45.6	-3.4	5.7
2440	46.1	-3.4	5.4
2450	47.4	-3.2	5.2
2460	46.7	-3.3	4.8
2470	46.7	-3.3	4.5
2480	46.3	-3.3	4.4
2490	46.1	-3.4	4.7
2500	44.4	-3.5	4.7



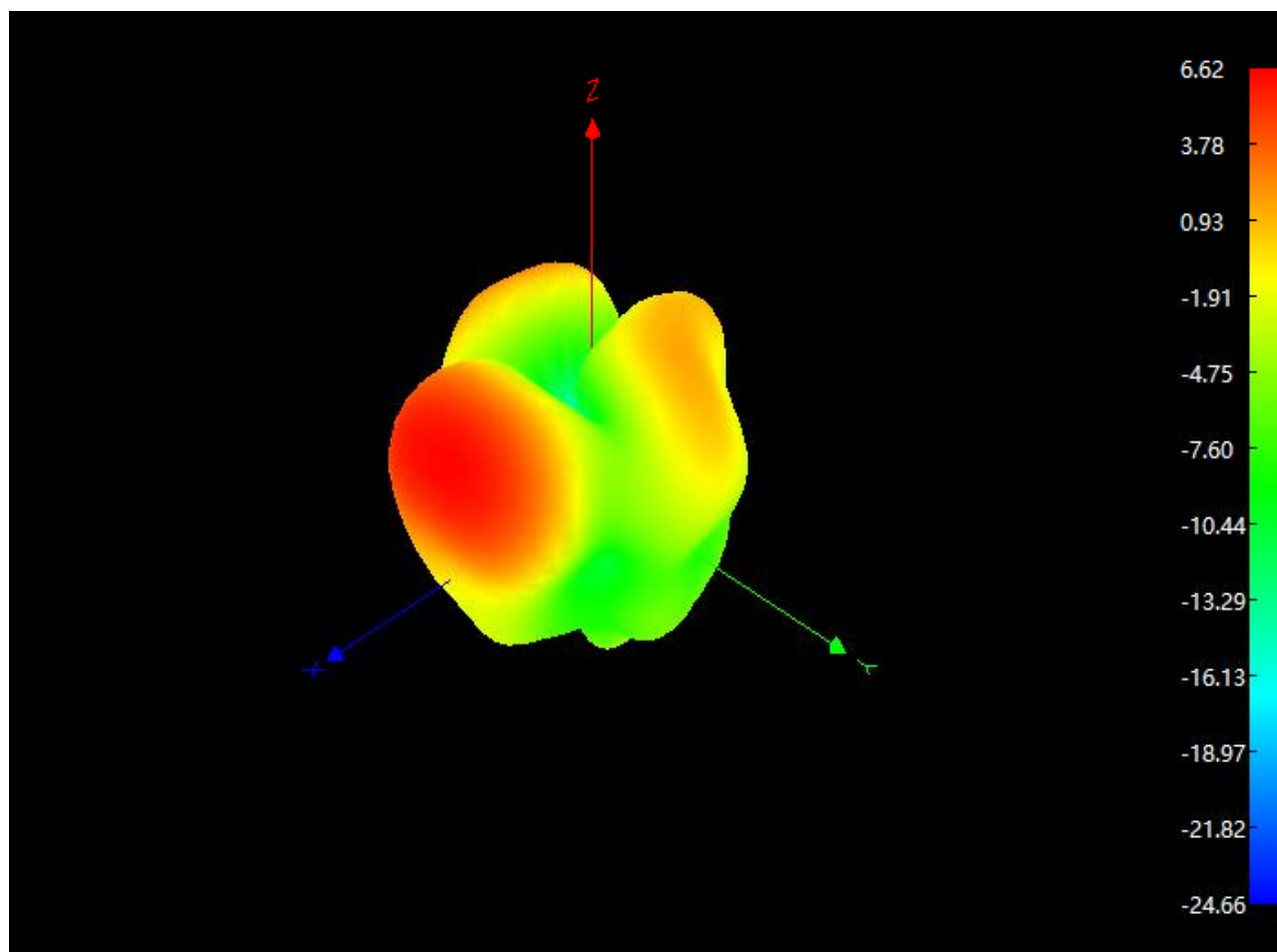


Passive Test For WiFi Main Antenna(5.8G)			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
5150	48.6	-3.1	4.9
5200	49.9	-3.0	4.9
5250	47.1	-3.3	4.6
5300	45.5	-3.4	4.5
5350	46.8	-3.3	4.6
5400	53.3	-2.7	4.9
5450	50.1	-3.0	4.6
5500	47.4	-3.2	4.6
5550	54.1	-2.7	5.3
5600	52.2	-2.8	5.2
5650	43.2	-3.7	4.7
5700	42.2	-3.8	4.8
5750	45.7	-3.4	5.2
5800	39.1	-4.1	4.9
5850	40.8	-3.9	5.2



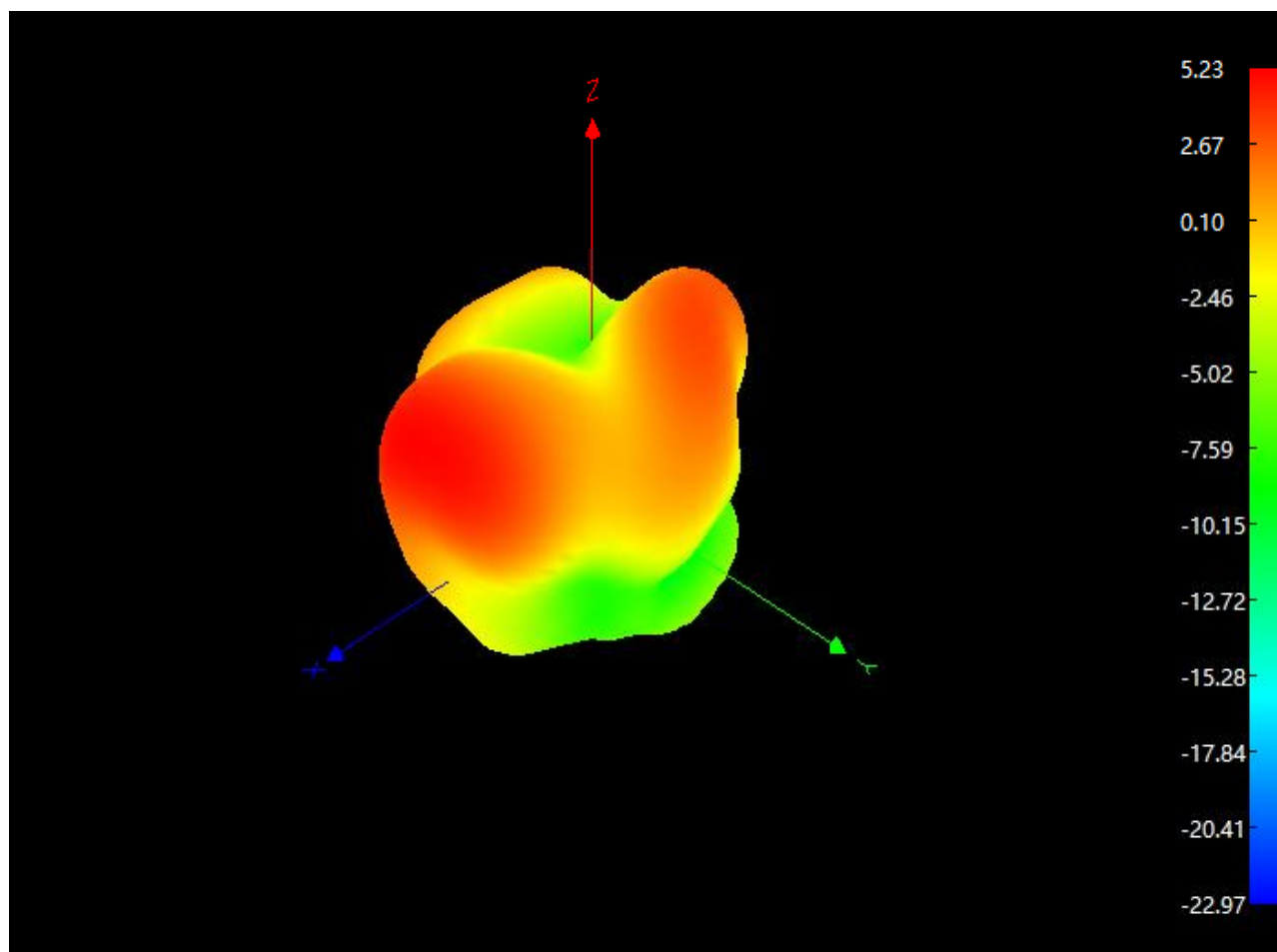


Radiation Pattern For WiFi Main Antenna (2400MHz)



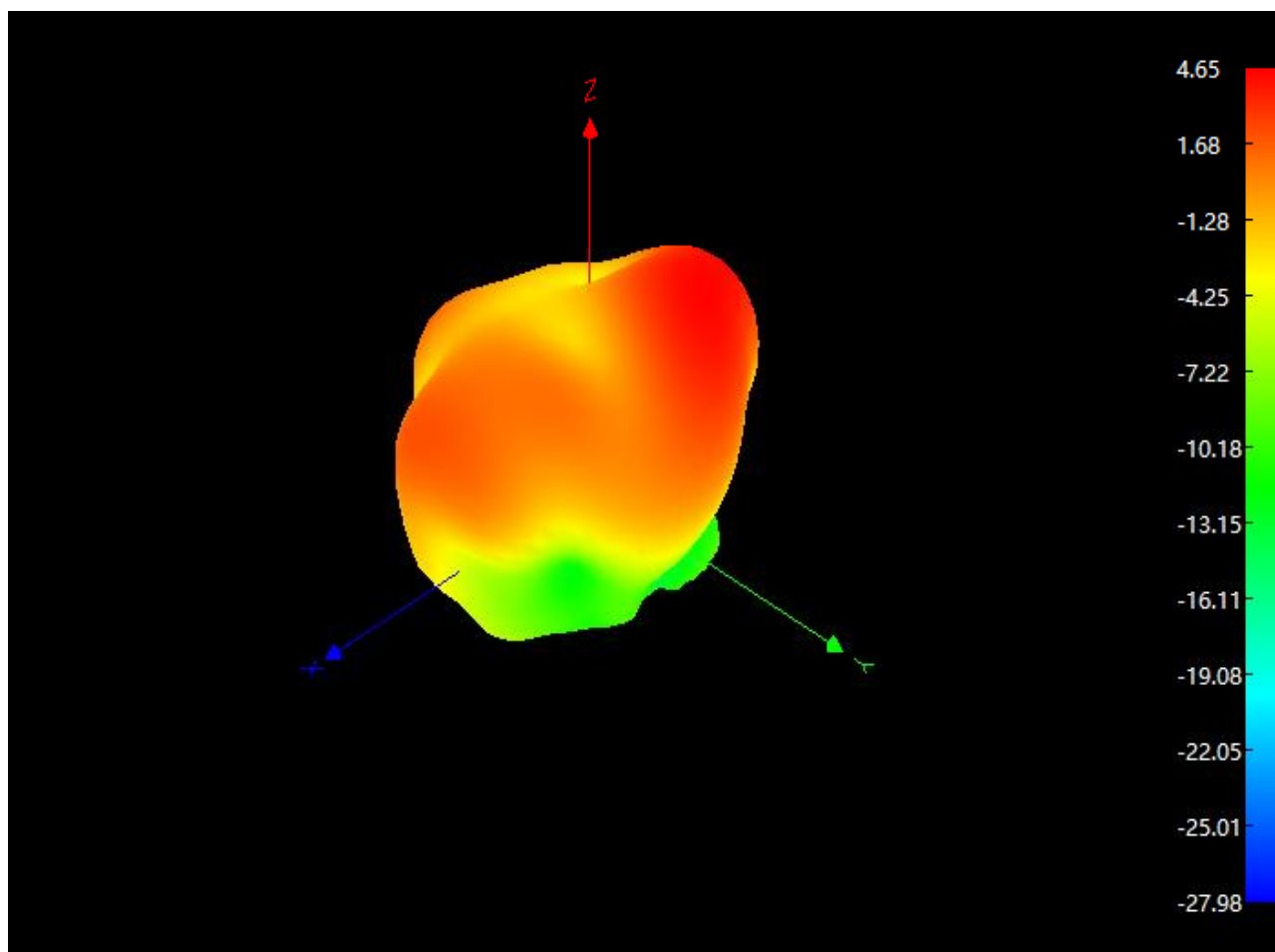


Radiation Pattern For WiFi Main Antenna (2450MHz)



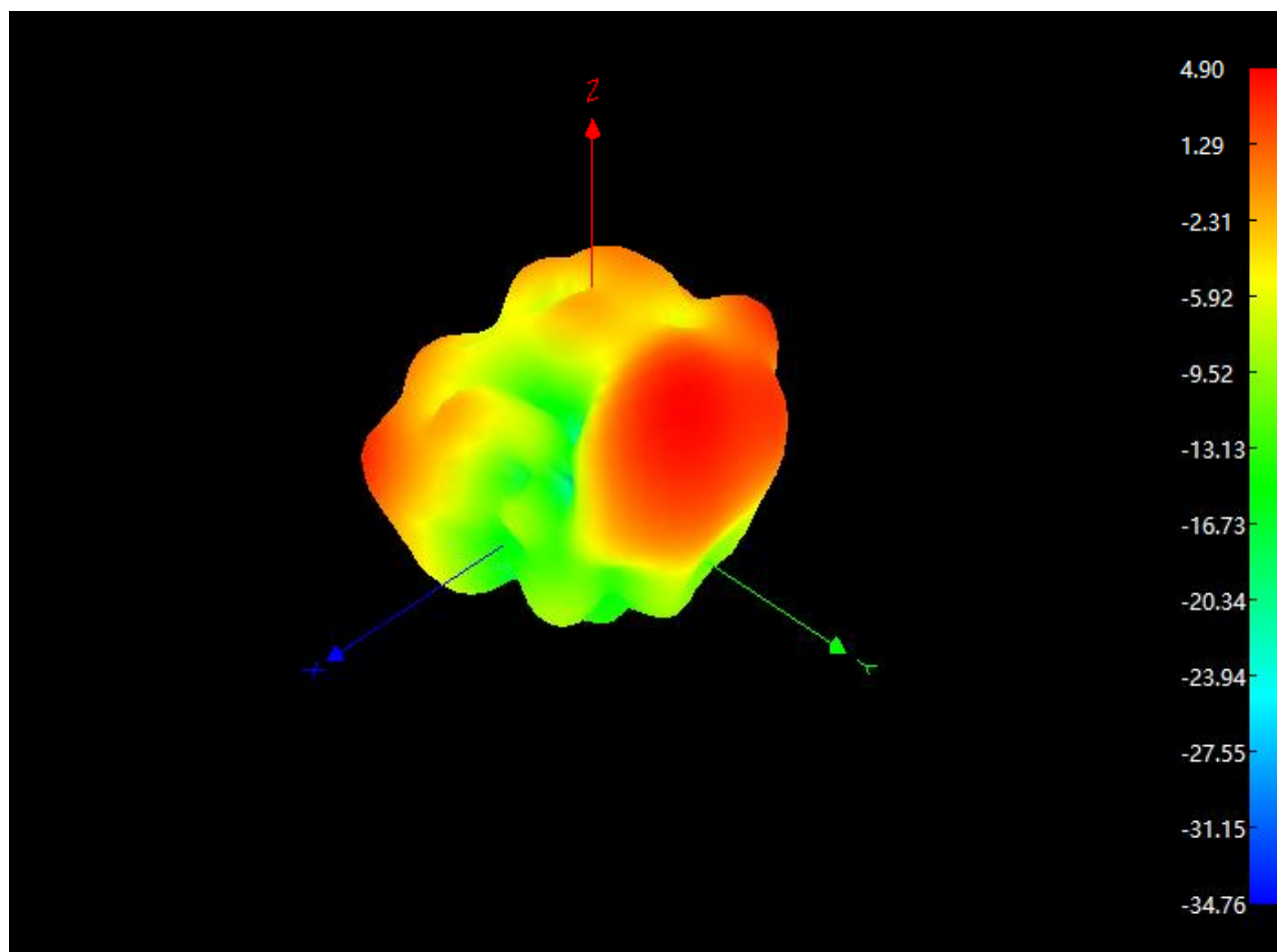


Radiation Pattern For WiFi Main Antenna (2500MHz)



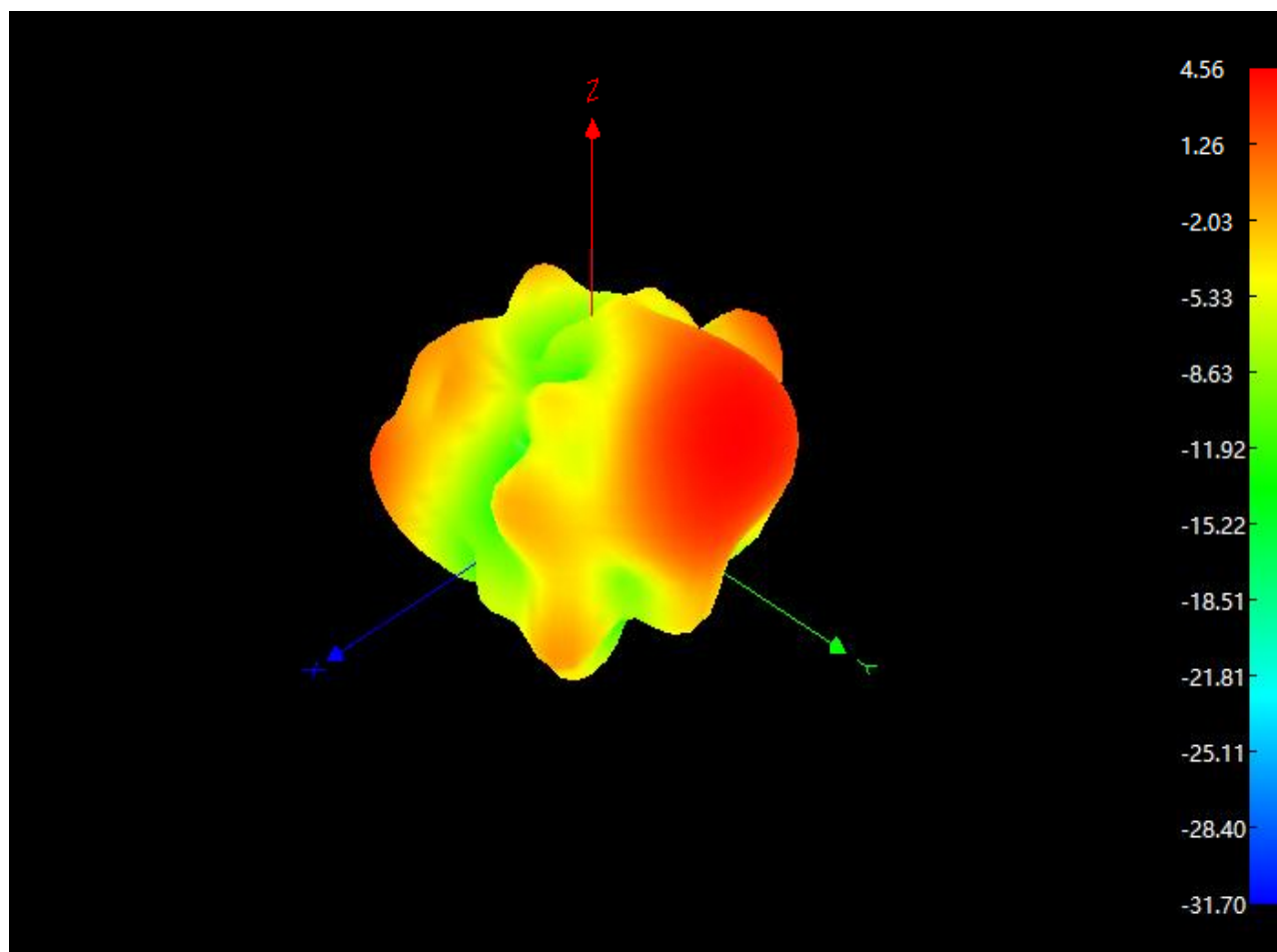


Radiation Pattern For WiFi Main Antenna (5150MHz)





Radiation Pattern For WiFi Main Antenna (5500MHz)





Radiation Pattern For WiFi Main Antenna (5850MHz)

