



规格承认书

SPECIFICATION FOR APPROVAL

日期 Date	2024/10/30
编号 File No	24103005
版本 Revision	1.0

客户
CUSTOMER: FJ Dynamics

客户料号
CUSTOMER NO: YTX-TX-003070

品名
PART NAME: WIFI 2 Antenna L=46mm MHF

供方料号
SUPPLIER NO: YJF01.085.029.305A

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



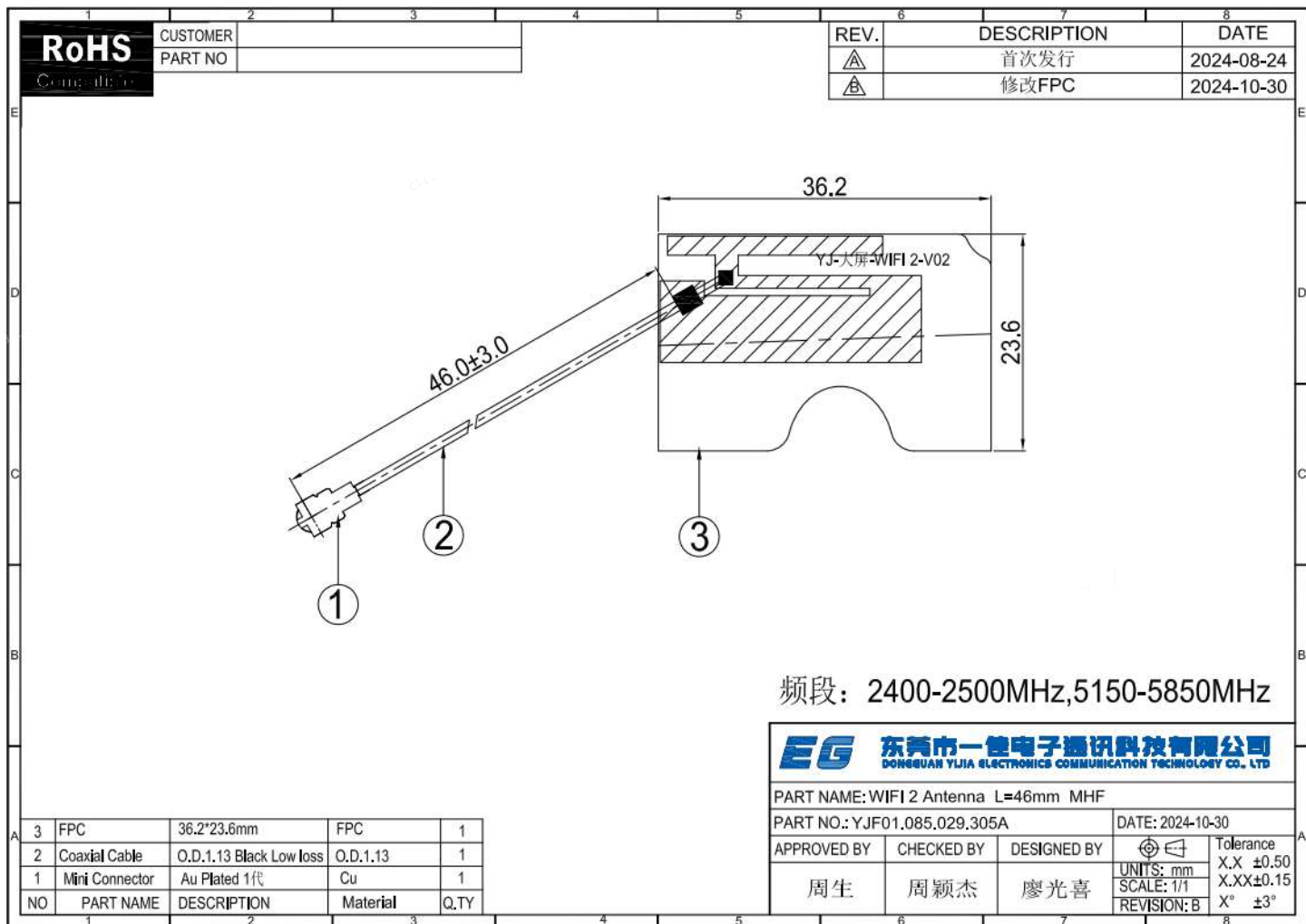


承认书项目表

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天线规格
Antenna Specification

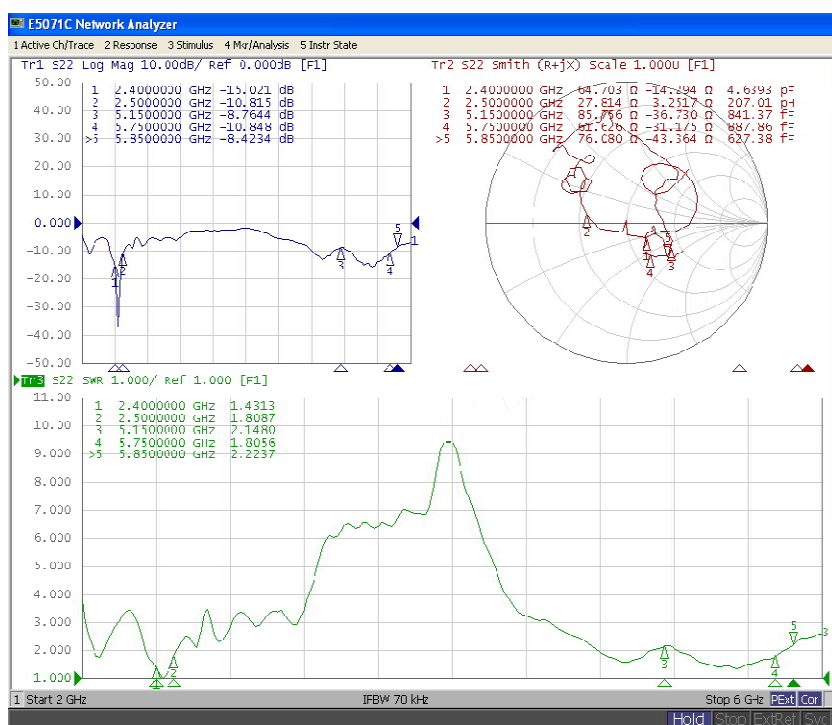
Electrical Properties	
Frequency	2.4-2.5GHz 5.15-5.85GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max@2.4-2.5GHz 2.5 Max@5.15-5.85GHz
Gain	6.3 dBi@2.4-2.5GHz 5.7 dBi@5.15-5.85GHz
Radiation	Omni-directional
Polarization	Linear
Physical Properties	
Connector	1代IPEX
Cable Type	O.D.1.13mm低损耗
Cable Length	46mm
Cable Color	Black
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

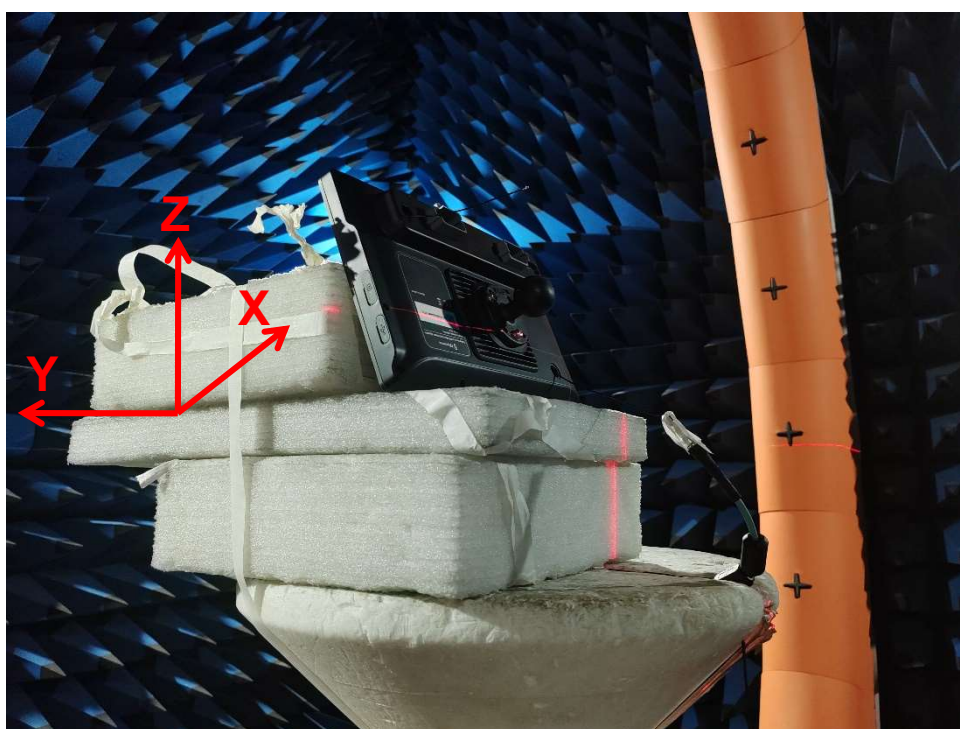
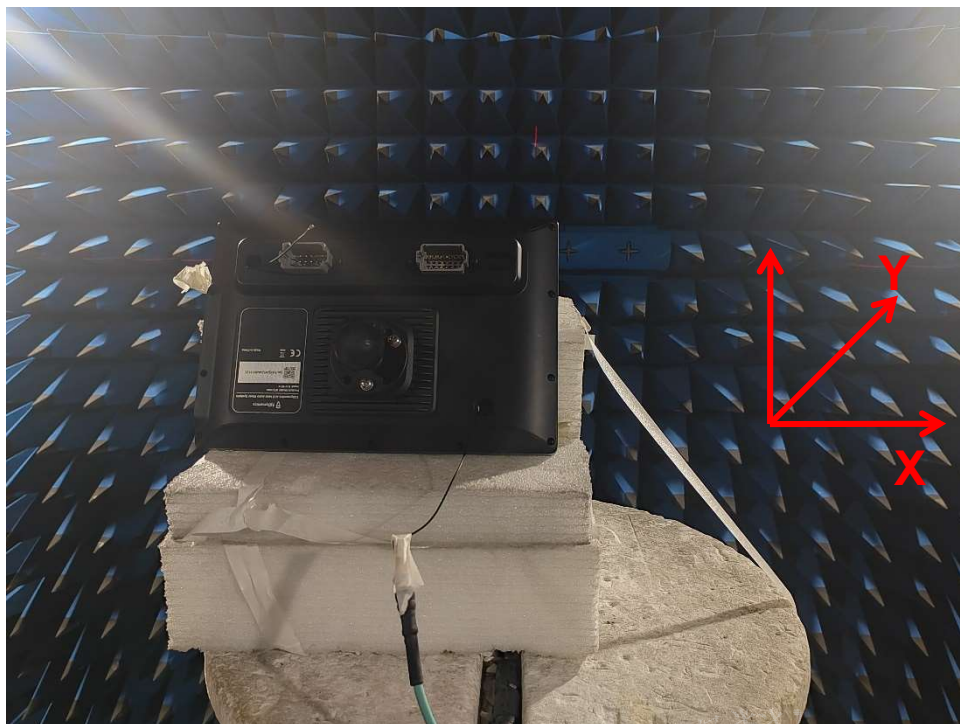
*Agilent
E5071C
S
Parameter
Test //
WiFi2
Antenna*



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No.59 Muyu Road, Shatou Community, Chang 'an Town, Dongguan City



Antenna Passive Test





Passive Test For WiFi2 Antenna(2.4G)			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	45.8	-3.4	5.5
2410	46.9	-3.3	5.8
2420	46.6	-3.3	5.9
2430	46.2	-3.4	6.3
2440	44.9	-3.5	6.2
2450	44.4	-3.5	6.0
2460	40.9	-3.9	5.2
2470	41.1	-3.9	5.0
2480	40.2	-4.0	4.9
2490	41.8	-3.8	5.0
2500	40.6	-3.9	4.8





Passive Test For WiFi2 Antenna(5.8G)

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
5150	42.8	-3.7	3.6
5170	43.5	-3.6	4.0
5190	41.6	-3.8	4.1
5210	38.3	-4.2	3.6
5230	37.1	-4.3	3.5
5250	35.8	-4.5	3.3
5270	35.9	-4.5	3.2
5290	35.3	-4.5	3.0
5310	33.7	-4.7	2.8
5330	31.9	-5.0	2.4
5350	31.6	-5.0	2.3
5370	34.3	-4.7	2.6
5390	36.7	-4.4	3.0
5410	40.4	-3.9	3.3
5430	41.1	-3.9	3.6
5450	43.6	-3.6	4.0
5470	42.3	-3.7	3.9
5490	43.5	-3.6	4.1





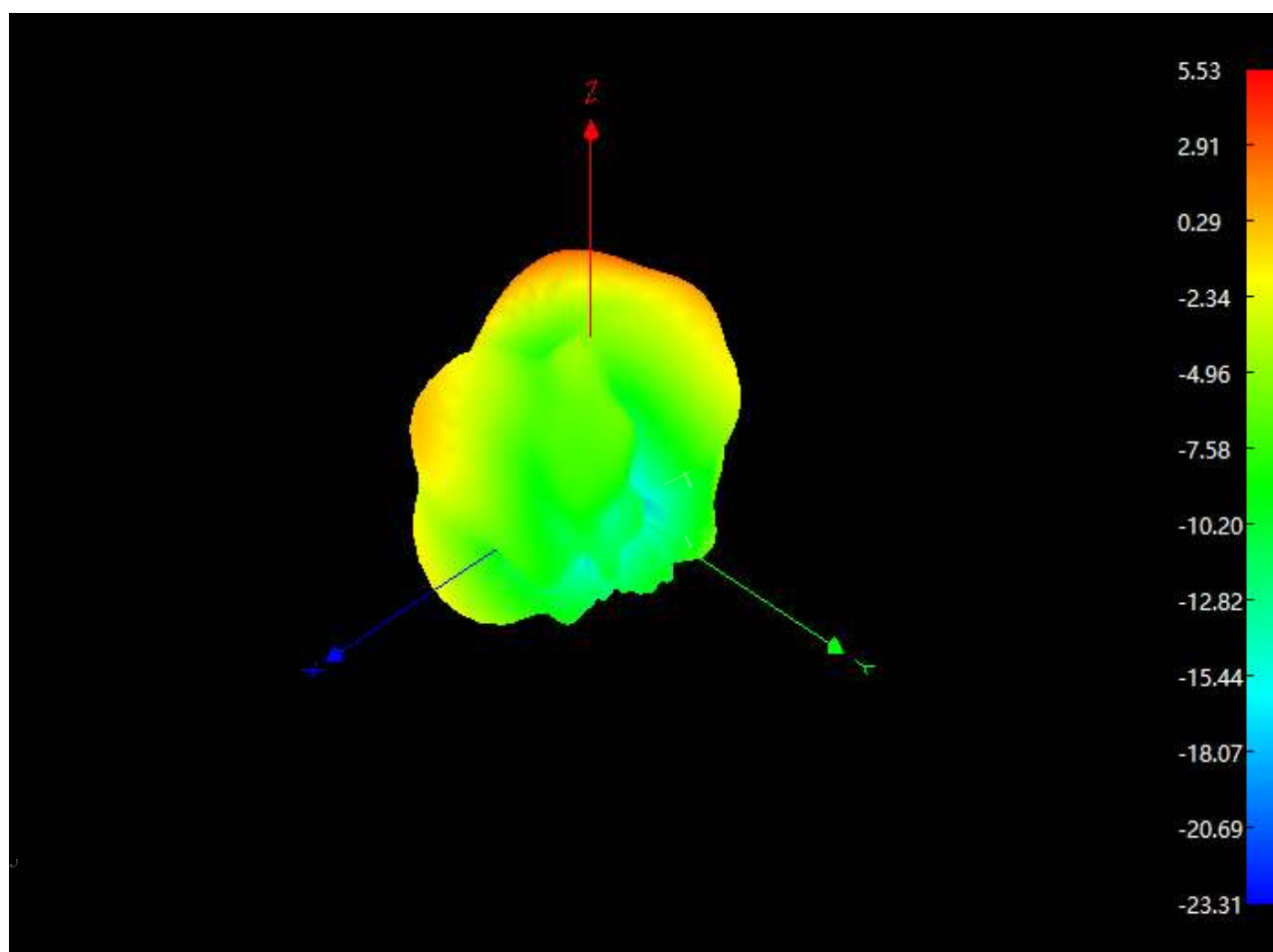
Passive Test For WiFi2 Antenna(5.8G)

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
5510	42.6	-3.7	4.1
5530	47.5	-3.2	4.7
5550	51.4	-2.9	5.1
5570	55.3	-2.6	5.6
5590	55.3	-2.6	5.7
5610	52.0	-2.8	5.6
5630	50.0	-3.0	5.6
5650	43.0	-3.7	5.1
5670	43.0	-3.7	5.0
5690	39.2	-4.1	4.5
5710	40.4	-3.9	4.5
5730	36.7	-4.4	3.9
5750	36.5	-4.4	3.7
5770	32.8	-4.8	3.3
5790	33.6	-4.7	3.5
5810	32.1	-4.9	3.5
5830	37.0	-4.3	4.3
5850	37.3	-4.3	4.2



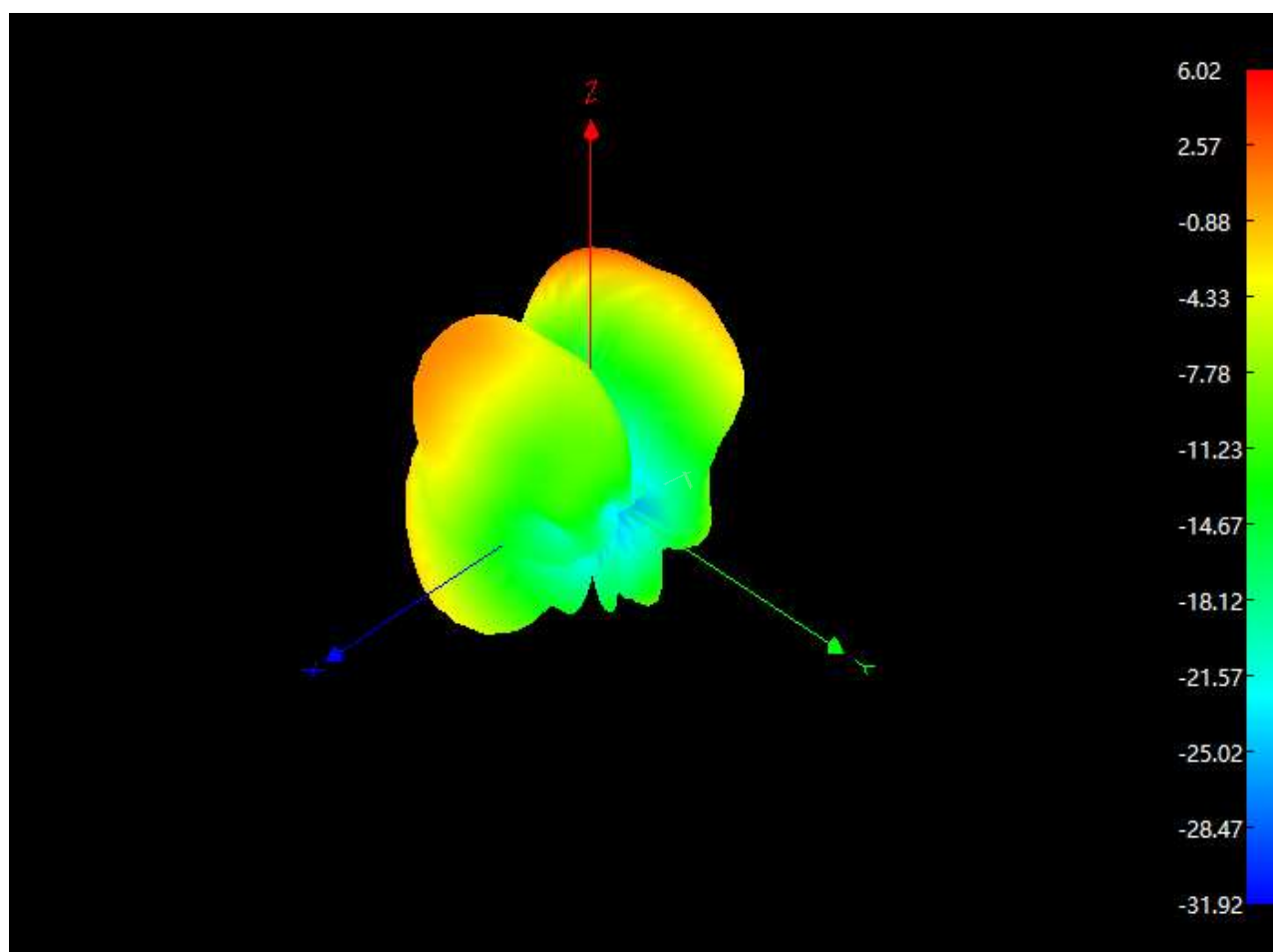


Radiation Pattern For WiFi2 Antenna (2400MHz)



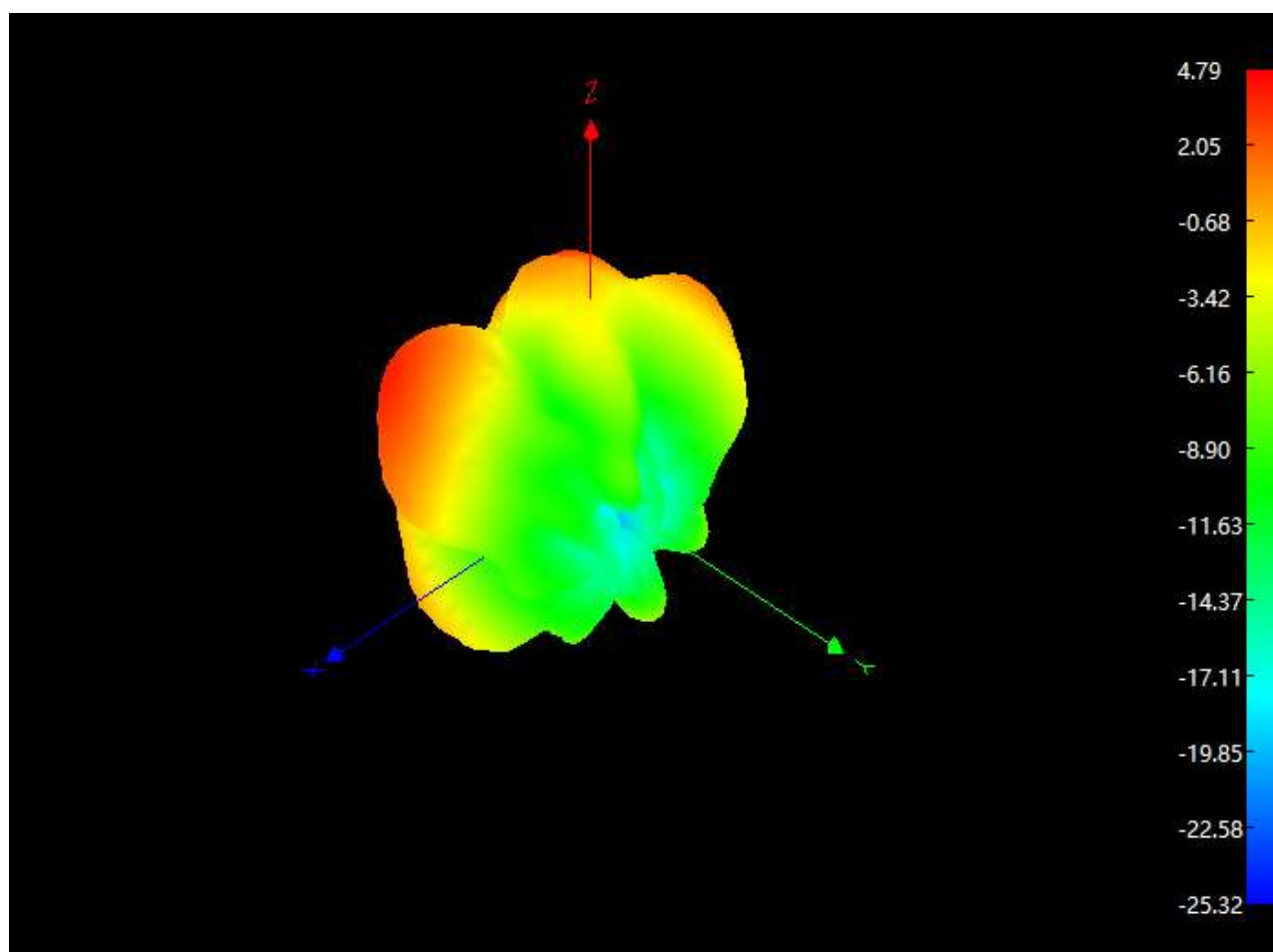


Radiation Pattern For WiFi2 Antenna (2450MHz)



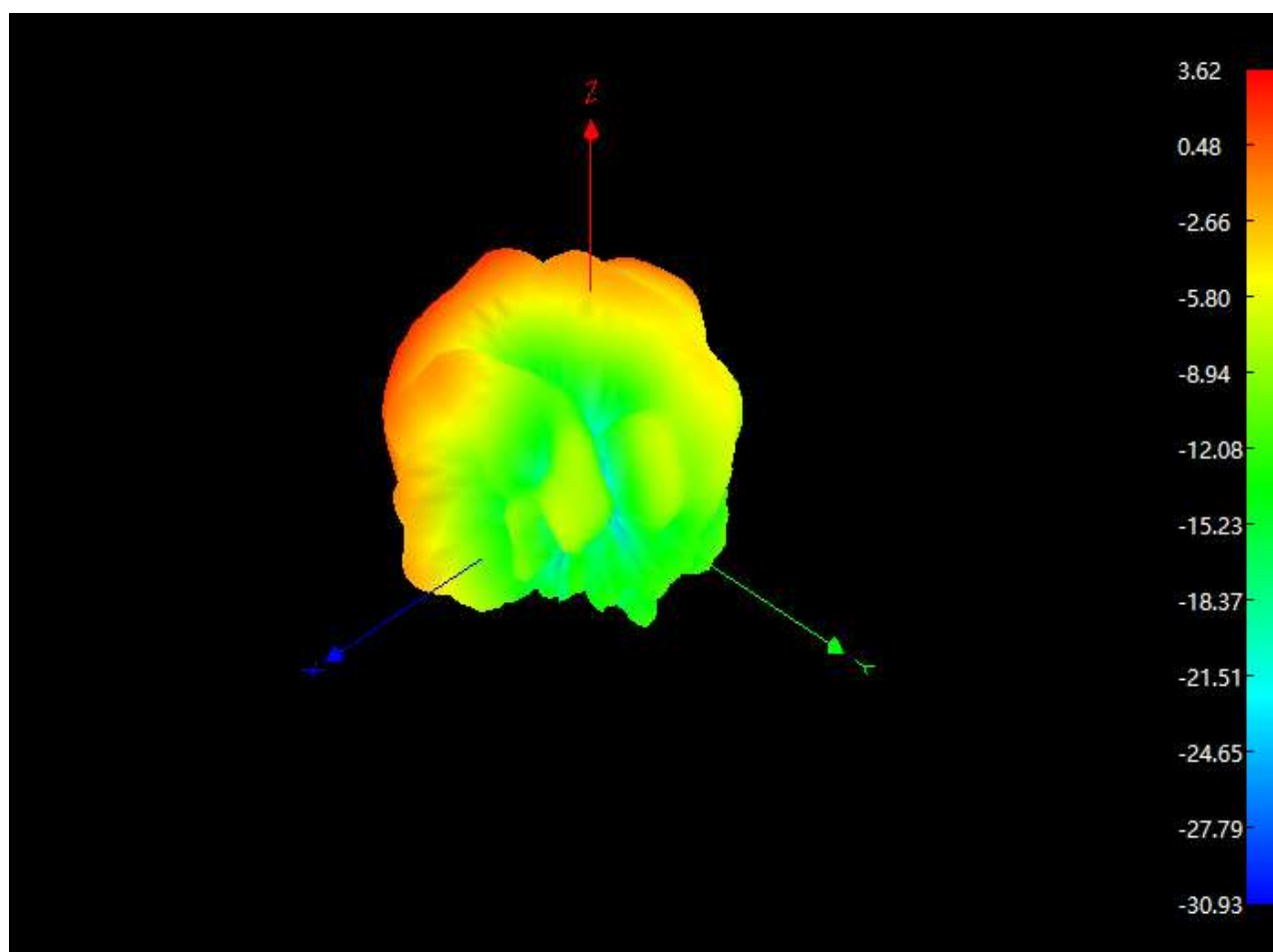


Radiation Pattern For WiFi2 Antenna (2500MHz)



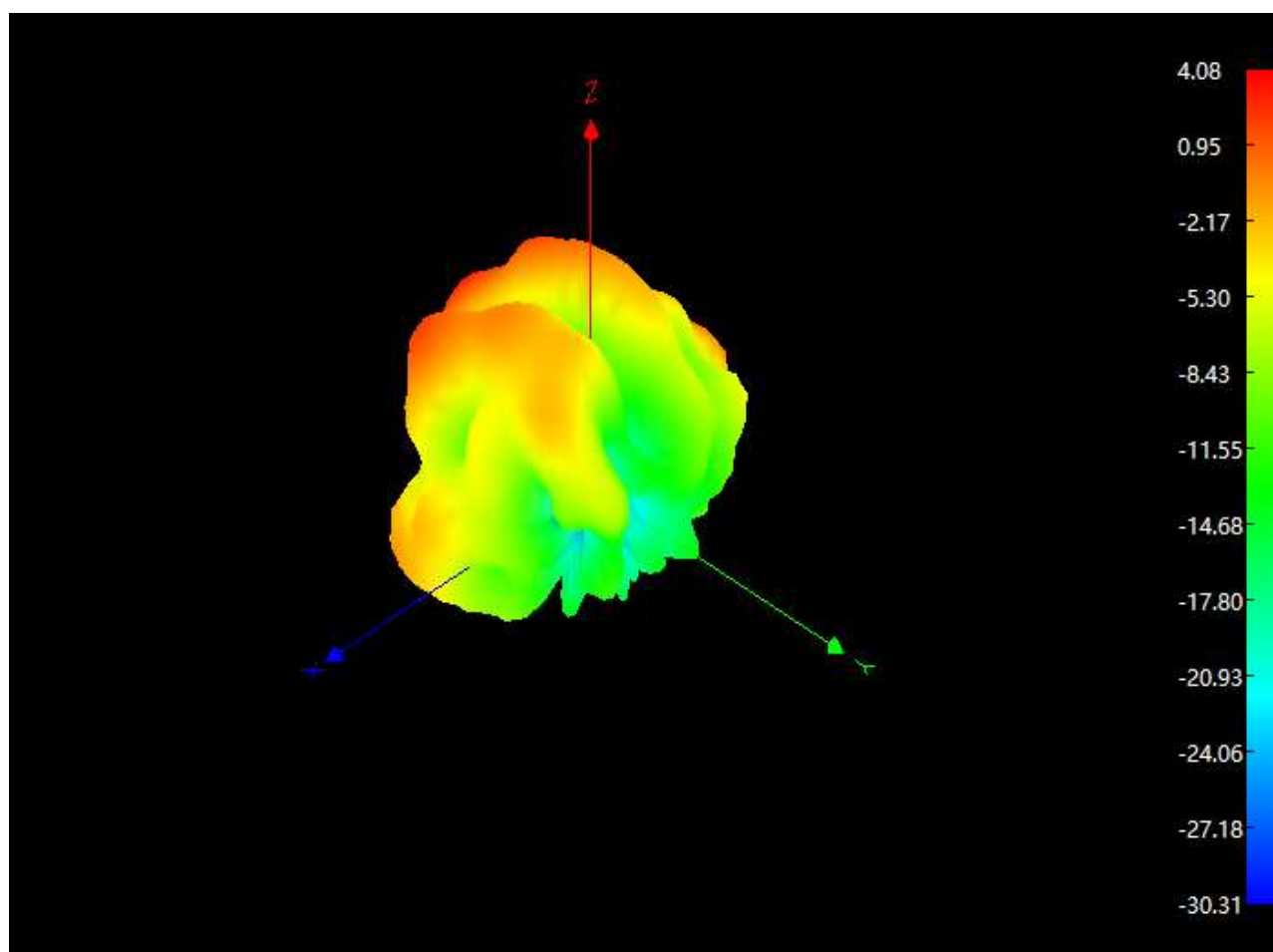


Radiation Pattern For WiFi2 Antenna (5150MHz)



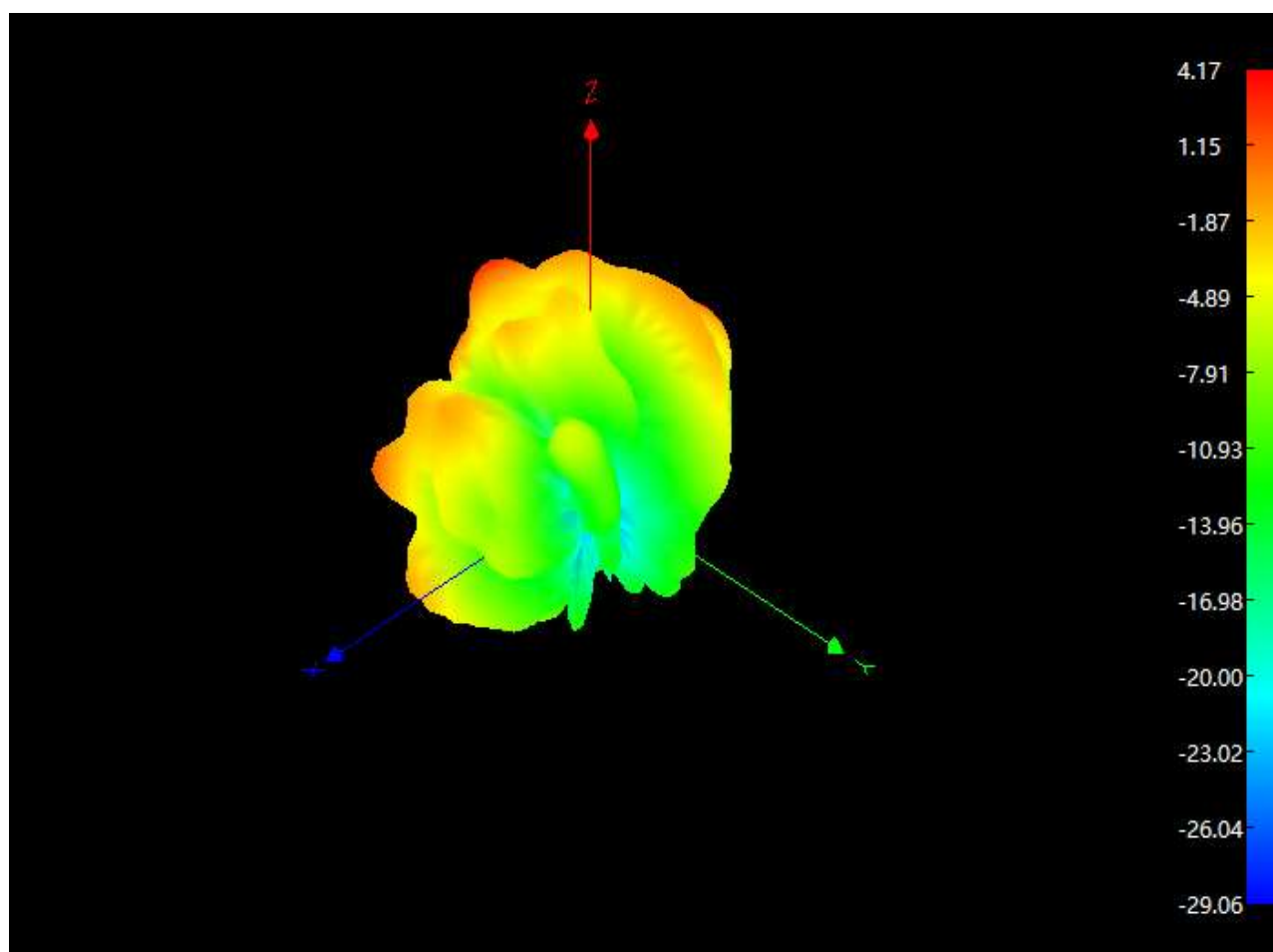


Radiation Pattern For WiFi2 Antenna (5510MHz)





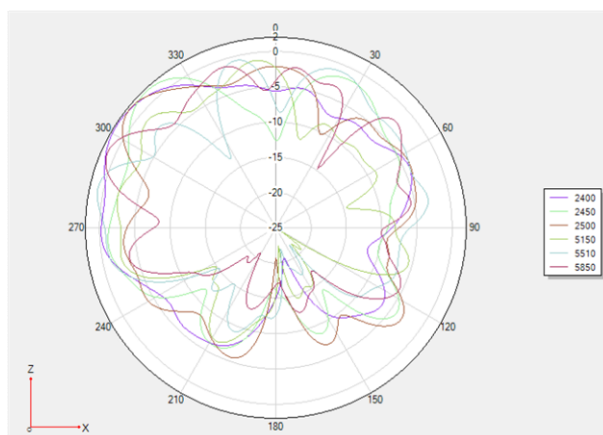
Radiation Pattern For WiFi2 Antenna (5850MHz)



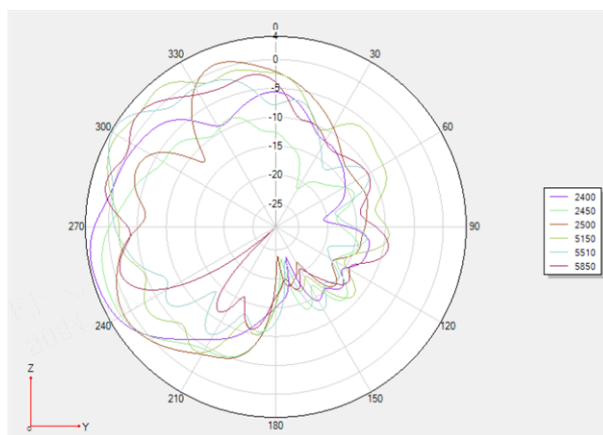


Radiation Pattern For WiFi2 Antenna

Phi 0°



Phi 90°



Theta 90°

