



东莞市一佳电子通讯科技有限公司

Dongguan YiJia Electronics Communication Technology Co.,Ltd.

规格承认书

SPECIFICATION FOR APPROVAL

日期
Date 2024/05/23

编号
File No 24052301

版本
Revision 1.0

客户
CUSTOMER:

方位 /Fanvil

客户料号

CUSTOMER NO:

LEADA100055A0 (v61w and v62 pro)

品名

PART NAME:

WIFI dual-band Antenna L=40mm

供方料号

SUPPLIER NO:

YJL01.106.066.301A

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

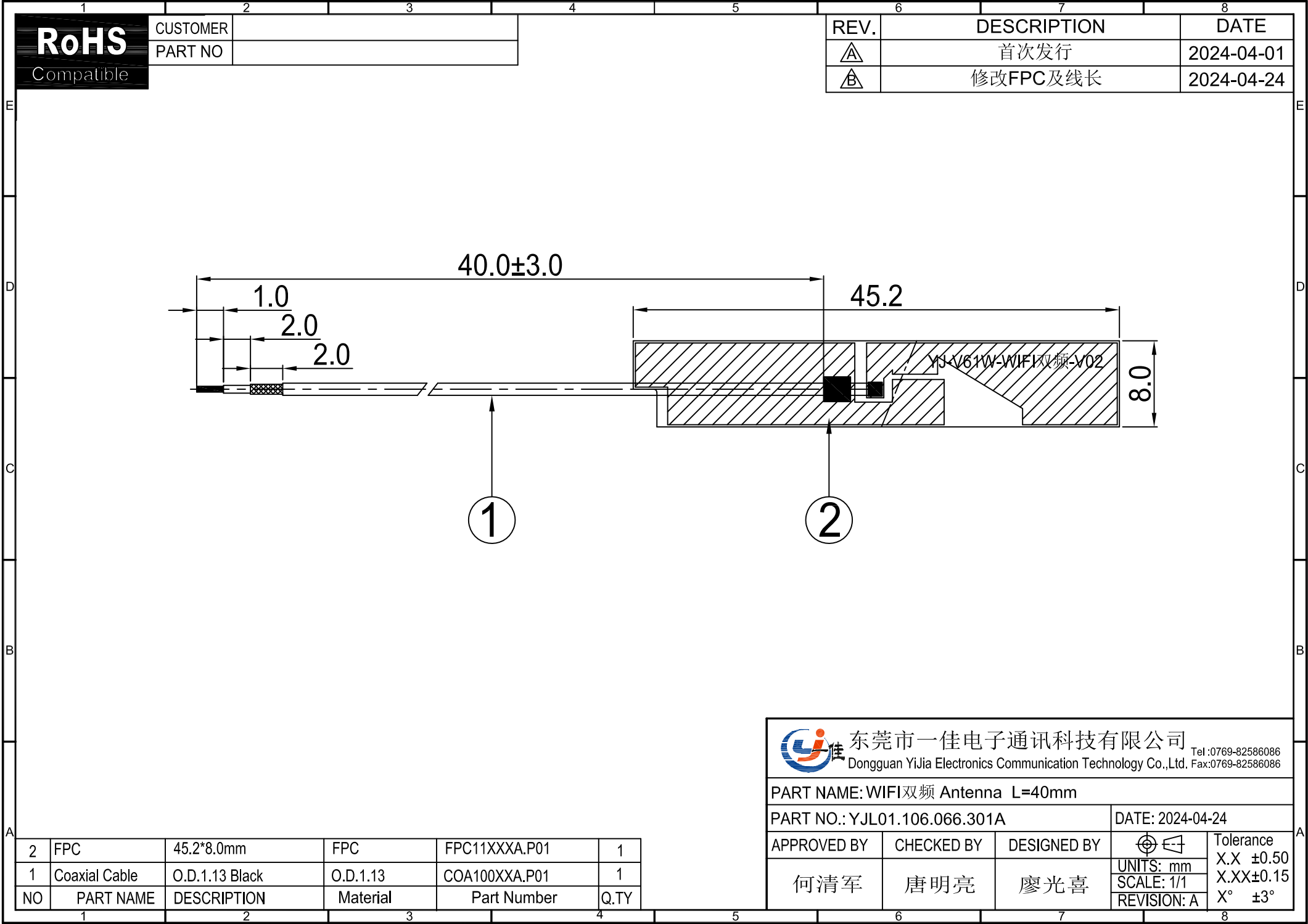
ChenGuoqiang

XieLi

ChenXingyi

YJ-RD-F04-A

add: 东莞市长安镇沙头社区木鱼路59号元富工业区 Tel:0769-82586086 Fax:0769-82586086
Yuanfu Industrial Zone, No. 59, Muyu Road, Shatou Community, Chang'an Town, Dongguan City





V61W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 3.0 Max@5.15-5.85GHz
Gain	5.2 dBi@2.4-2.5GHz 4.6 dBi@5.15-5.85GHz
Radiation	Omni-directional
Polarization	Linear

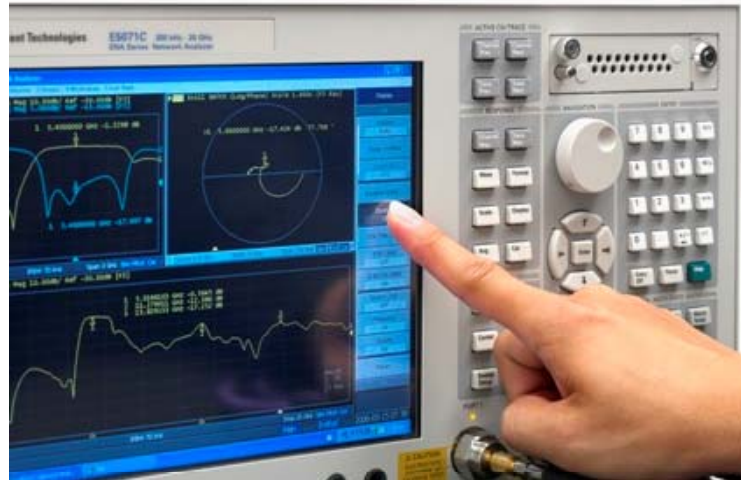
Physical Properties

Connector	None
Cable Type	O.D.1.13mm
Cable Length	40mm
Cable Color	Black
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%

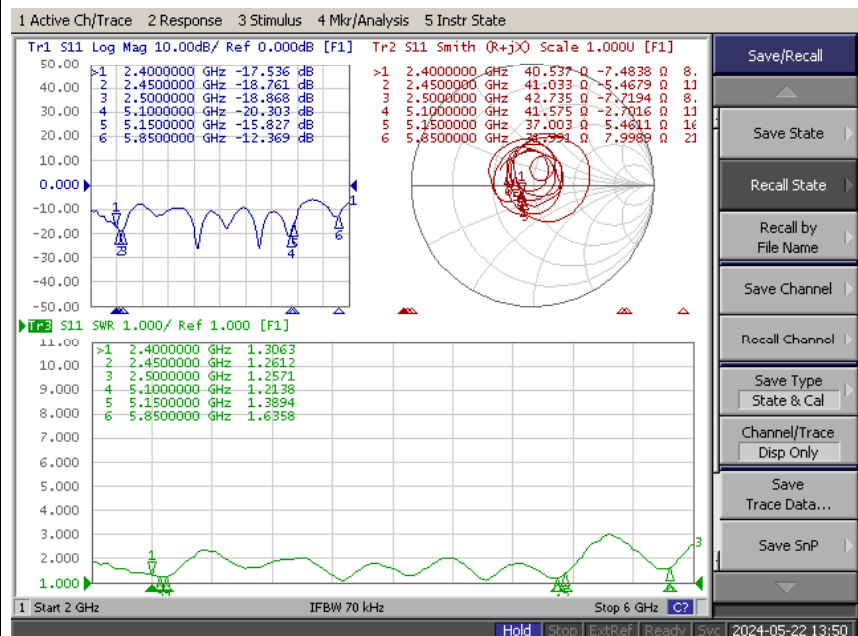


Antenna Performance Test

**Agilent
E5071B**



**S
Parameter
Test //
WiFi
Antenna**



add: 东莞市长安镇沙头社区木鱼路59号元富工业区 Tel:0769-82586086 Fax:0769-82586086
Yuanfu Industrial Zone, No. 59, Muyu Road, Shatou Community, Chang'an Town, Dongguan City



Passive Test For WiFi Antenna(2.4G)			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	62.9	-2.0	5.0
2410	62.5	-2.0	4.9
2420	61.1	-2.1	4.6
2430	61.8	-2.1	4.4
2440	61.7	-2.1	4.4
2450	65.0	-1.9	4.8
2460	61.7	-2.1	4.6
2470	64.1	-1.9	5.1
2480	63.1	-2.0	4.9
2490	65.6	-1.8	5.2
2500	62.1	-2.1	4.8

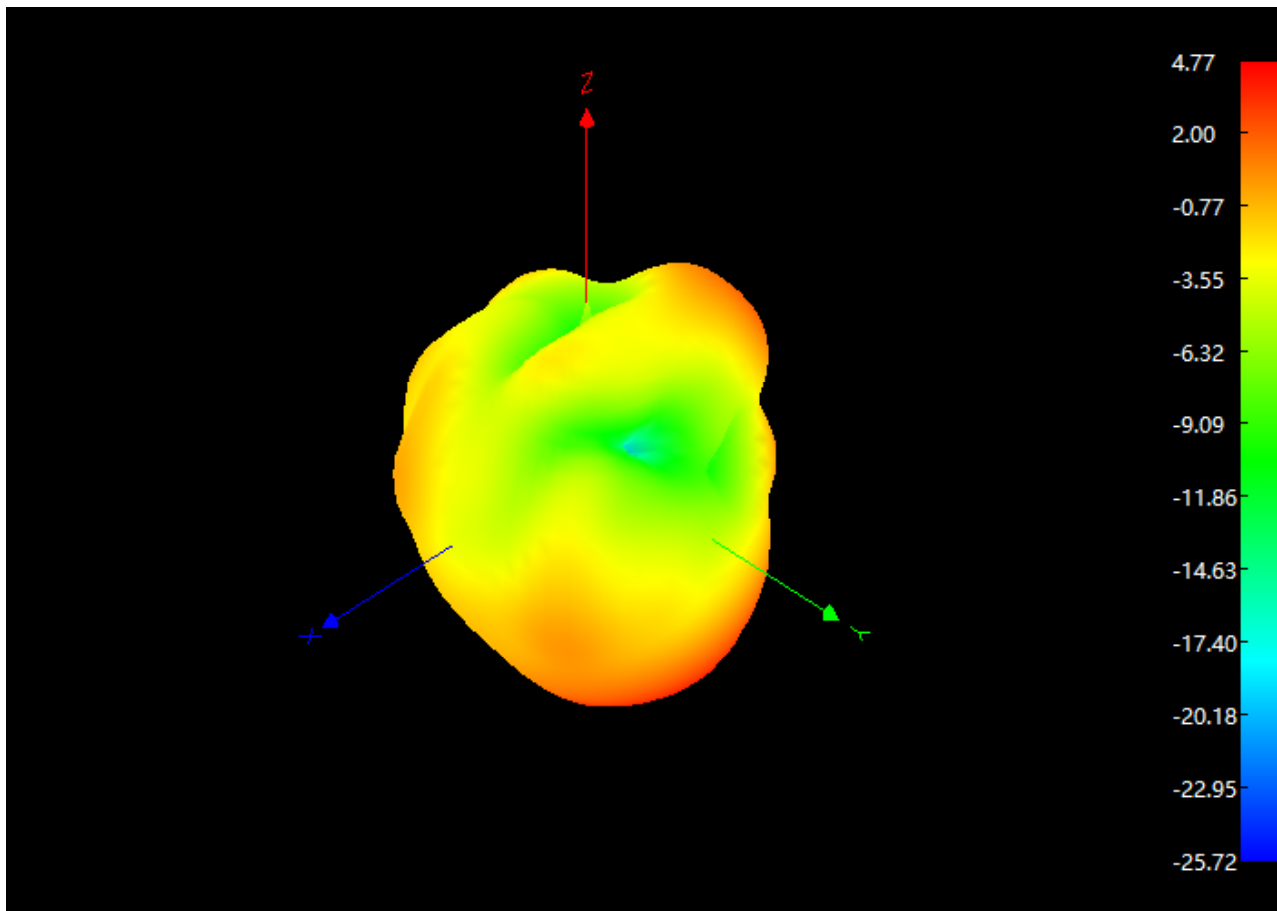


Passive Test For WiFi Antenna(5.8G)			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
5150	66.8	-1.8	3.4
5200	62.0	-2.1	4.0
5250	66.4	-1.8	3.7
5300	60.5	-2.2	3.4
5350	58.2	-2.4	3.1
5400	61.1	-2.1	3.5
5450	58.3	-2.3	2.9
5500	50.9	-2.9	2.6
5550	54.3	-2.7	3.0
5600	61.7	-2.1	3.4
5650	53.6	-2.7	3.5
5700	53.2	-2.7	3.3
5750	63.3	-2.0	4.6
5800	61.1	-2.1	4.5
5850	60.1	-2.2	4.5

add: 东莞市长安镇沙头社区木鱼路59号元富工业区 Tel:0769-82586086 Fax:0769-82586086
Yuanfu Industrial Zone, No. 59, Muyu Road, Shatou Community, Chang'an Town, Dongguan City

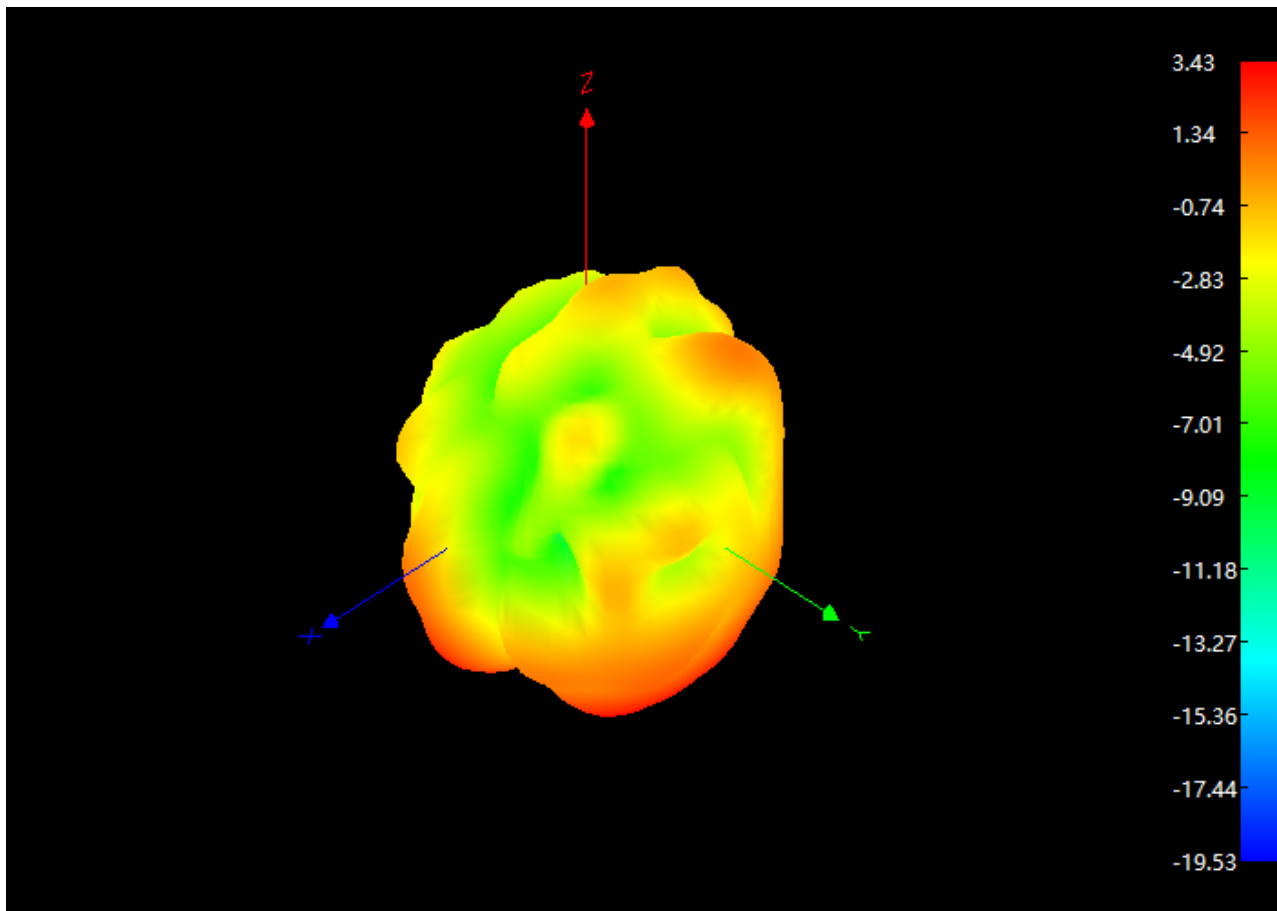


Radiation Pattern For WiFi Antenna(2450MHz)





Radiation Pattern For WiFi Antenna(5150MHz)





V62Pro天线规格

Antenna Specification

Electrical Properties

Frequency	2.4-2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Gain	5.2 dBi
Radiation	Omni-directional
Polarization	Linear

Physical Properties

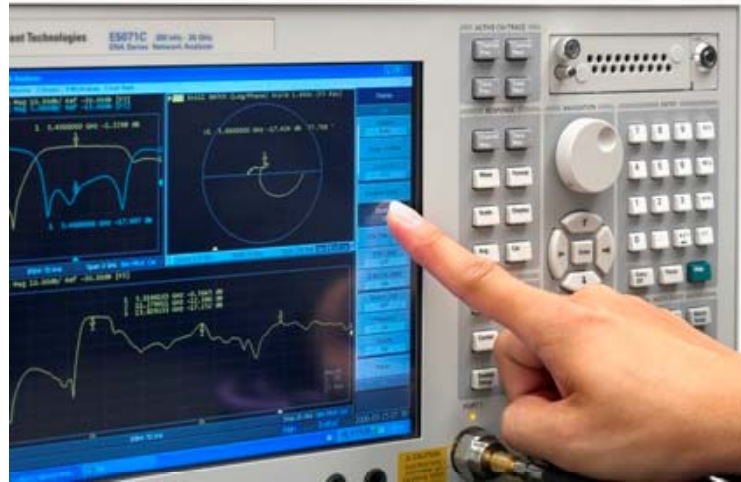
Connector	None
Cable Type	O.D.1.13mm
Cable Length	40mm
Cable Color	Black
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%

add: 东莞市长安镇沙头社区木鱼路59号元富工业区 Tel:0769-82586086 Fax:0769-82586086
Yuanfu Industrial Zone, No. 59, Muyu Road, Shatou Community, Chang'an Town, Dongguan City

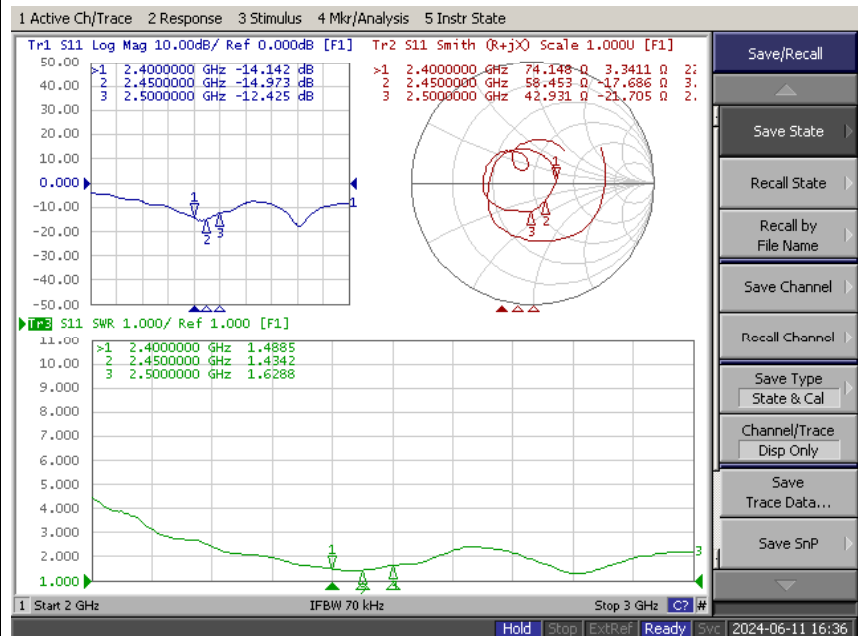


Antenna Performance Test

**Agilent
E5071B**



**S
Parameter
Test //
BT
Antenna**





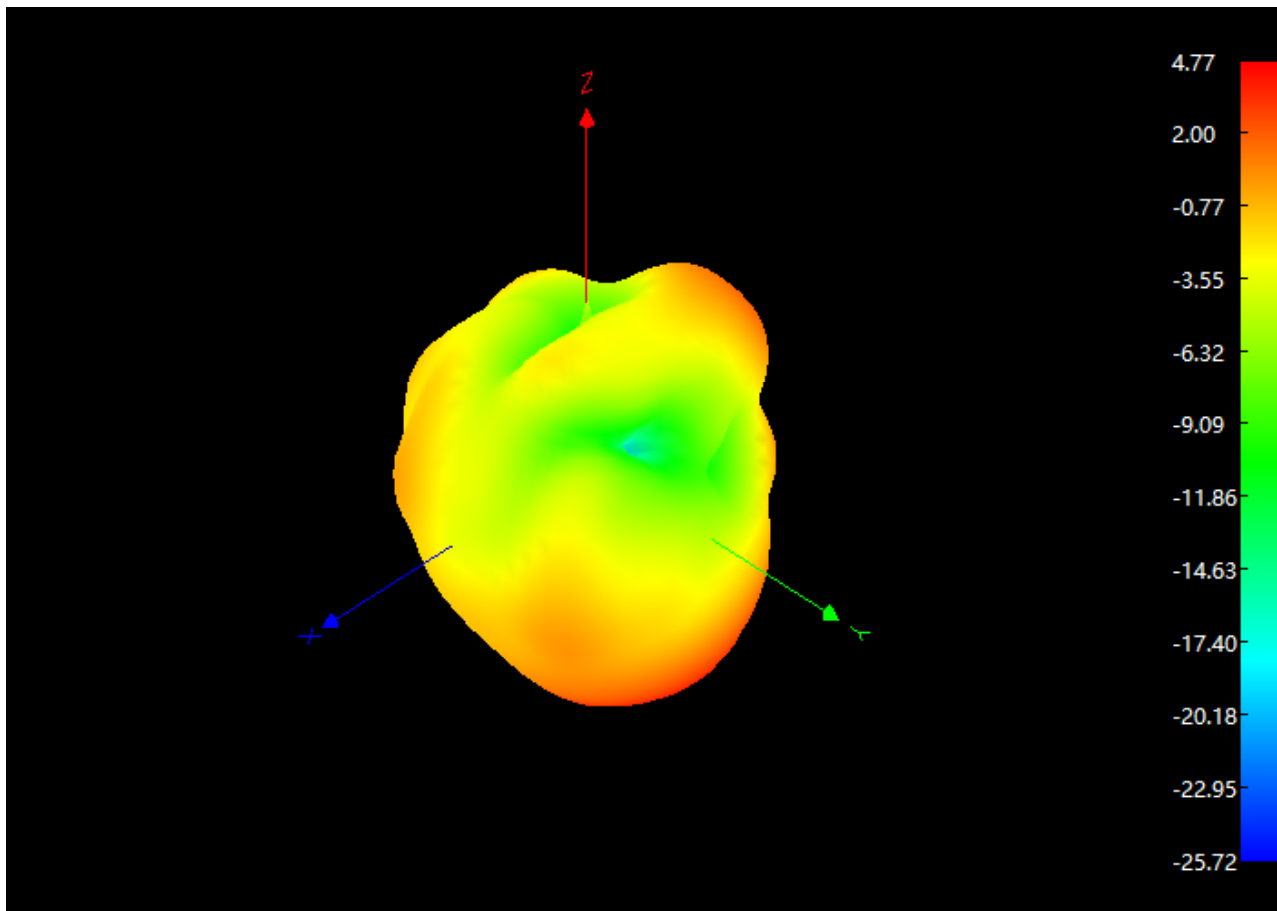
Passive Test For BT Antenna(2.4G)

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	62.9	-2.0	5.0
2410	62.5	-2.0	4.9
2420	61.1	-2.1	4.6
2430	61.8	-2.1	4.4
2440	61.7	-2.1	4.4
2450	65.0	-1.9	4.8
2460	61.7	-2.1	4.6
2470	64.1	-1.9	5.1
2480	63.1	-2.0	4.9
2490	65.6	-1.8	5.2
2500	62.1	-2.1	4.8

add: 东莞市长安镇沙头社区木鱼路59号元富工业区 Tel:0769-82586086 Fax:0769-82586086
Yuanfu Industrial Zone, No. 59, Muyu Road, Shatou Community, Chang'an Town, Dongguan City



Radiation Pattern For BT Antenna(2450MHz)





Active Test For BT Antenna					
Band	Channel	Data Rate	TRP	Data Rate	TIS
BT	0		6.5		-92.4
	39		6.8		-92.2
	78		6.2		-92.1

add: 东莞市长安镇沙头社区木鱼路59号元富工业区 Tel:0769-82586086 Fax:0769-82586086
Yuanfu Industrial Zone, No. 59, Muyu Road, Shatou Community, Chang'an Town, Dongguan City