



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 2024/02/29
Date

编号 24022901
File No

版本 1.0
Revision

客 户
CUSTOMER:

成都万创

客户料号
CUSTOMER NO:

品名
PART NAME:

850-950MHz Antenna

供方料号
SUPPLIER NO:

YJS01.042.058.102A

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 Park, No. 59 Muyu Road, Shatou Community, Chang'an Town, Dongguan,
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承认书项目表

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RoHS
Compatible

CUSTOMER
PART NO

REV.

DESCRIPTION

DATE

A

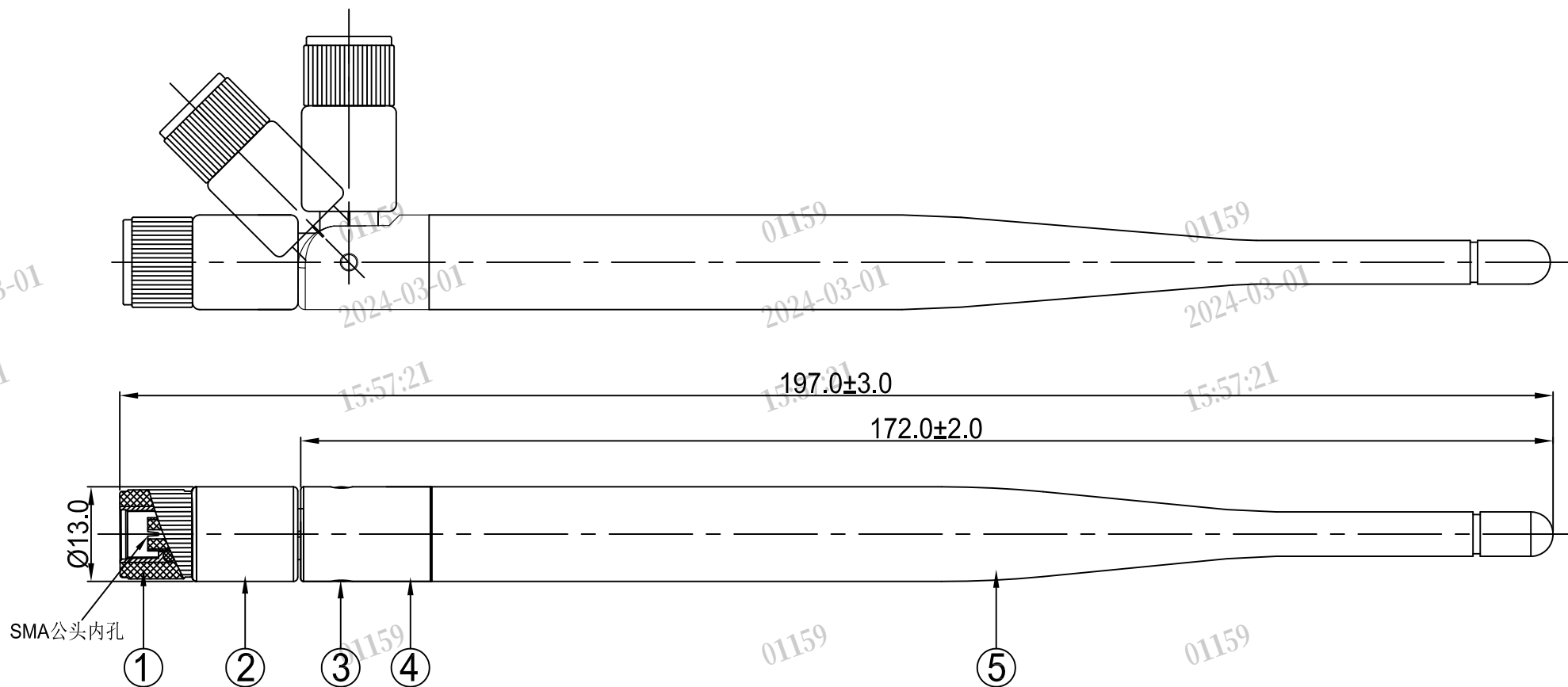
首次发行

2024-02-19

B

SMA接头由公头公针换成公头内孔

2024-02-29



5	Antenna Cap	TPEE ,Color:Black	1
4	Upper Base	PC, Color:Black	1
3	Rivet	POM, Color:Black	2
2	Bottom Base	PC, Color:Black	1
1	SMA Male Reverse	POM Black	1
NO	PART NAME	DESCRIPTION	Q.TY

 东莞市一佳电子通讯科技有限公司 Dongguan YiJia Electronics Communication Technology Co.,Ltd. Tel :0769-82586086 Fax:0769-82586086				
PART NAME: 850-950MHz Antenna				
PART NO.: YJS01.042.058.102A			DATE: 2024-02-29	
APPROVED BY	CHECKED BY	DESIDNED BY		Tolerance
CICI	林斌	廖光喜	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	850-950MHz
Impedance	50 Ohm Nominal
V.S.W.R	2.5 Max
Gain	2.6 dBi
Radiation	Omni-directional
Polarization	Linear

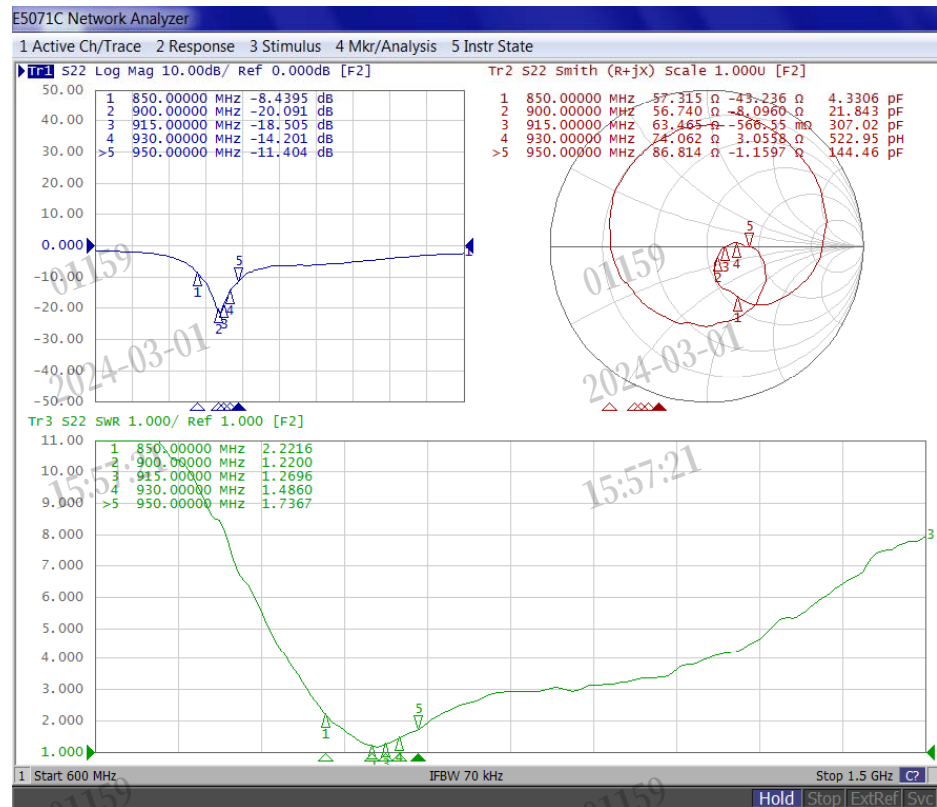
Physical Properties

Connector	SMA Male Reverse
Cable Type	None
Cable Length	None
Cable Color	None
Operating Temp.	-40 ~ +85 °C
Storage Temp.	-40~ +85 °C

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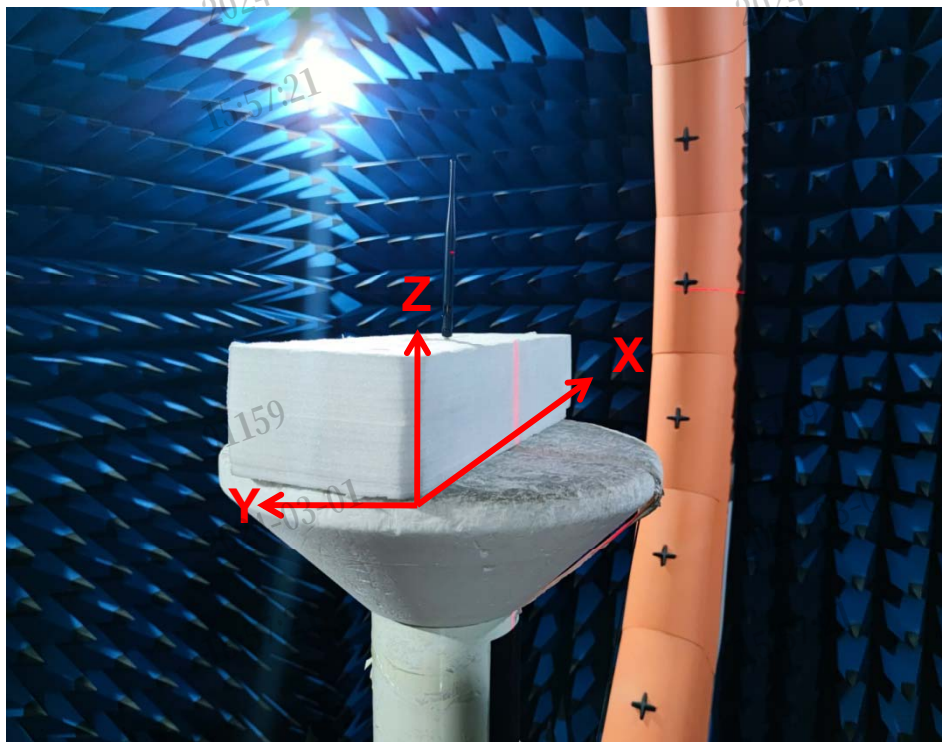
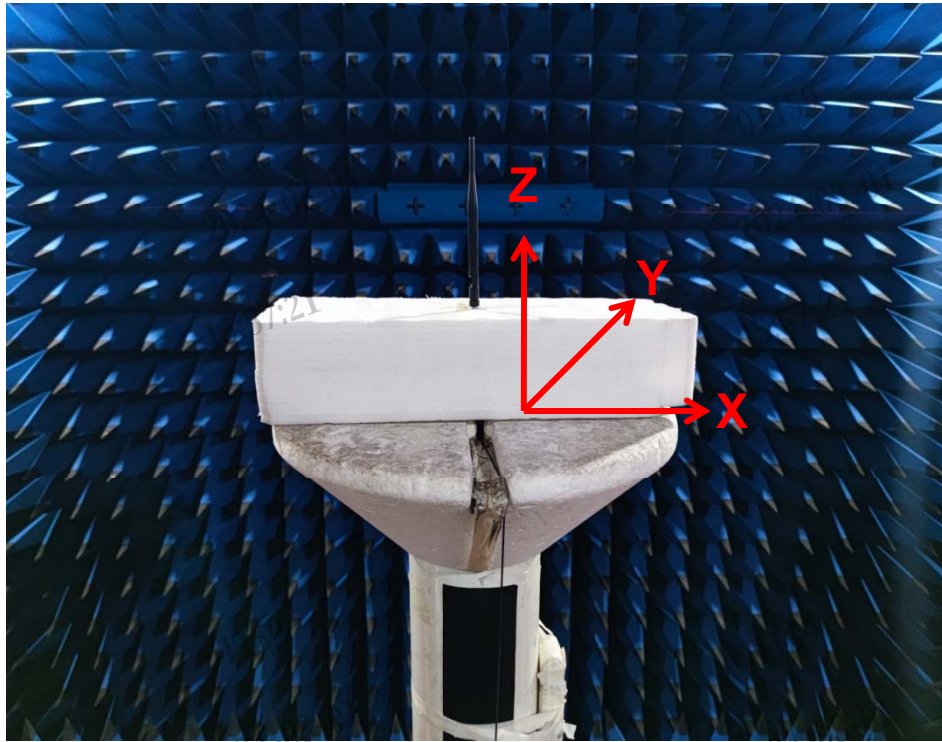
Antenna Performance Test

**Agilent
E5071C
S
Parameter
Test //
850-950
MHz
Antenna**



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Antenna Passive Test



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Passive Test For 850-950MHz Antenna			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
850	67.6	-1.7	1.5
855	72.8	-1.4	2.0
860	73.8	-1.3	1.9
865	76.7	-1.2	2.3
870	79.1	-1.0	2.5
875	80.2	-1.0	2.6
880	82.2	-0.9	2.6
885	78.3	-1.1	2.2
890	78.2	-1.1	1.9
895	72.3	-1.4	1.5

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Passive Test For 850-950MHz Antenna			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
900	84.9	-0.7	2.0
901	85.3	-0.7	1.9
902	85.1	-0.7	1.9
903	84.3	-0.7	1.9
904	82.8	-0.8	1.9
905	80.9	-0.9	1.8
906	79.6	-1.0	1.8
907	78.7	-1.0	1.8
908	78.3	-1.1	1.8
909	78.5	-1.1	1.8
910	79.1	-1.0	1.8
911	78.7	-1.0	1.8
912	78.7	-1.0	1.8
913	78.3	-1.1	1.9
914	77.8	-1.1	1.9

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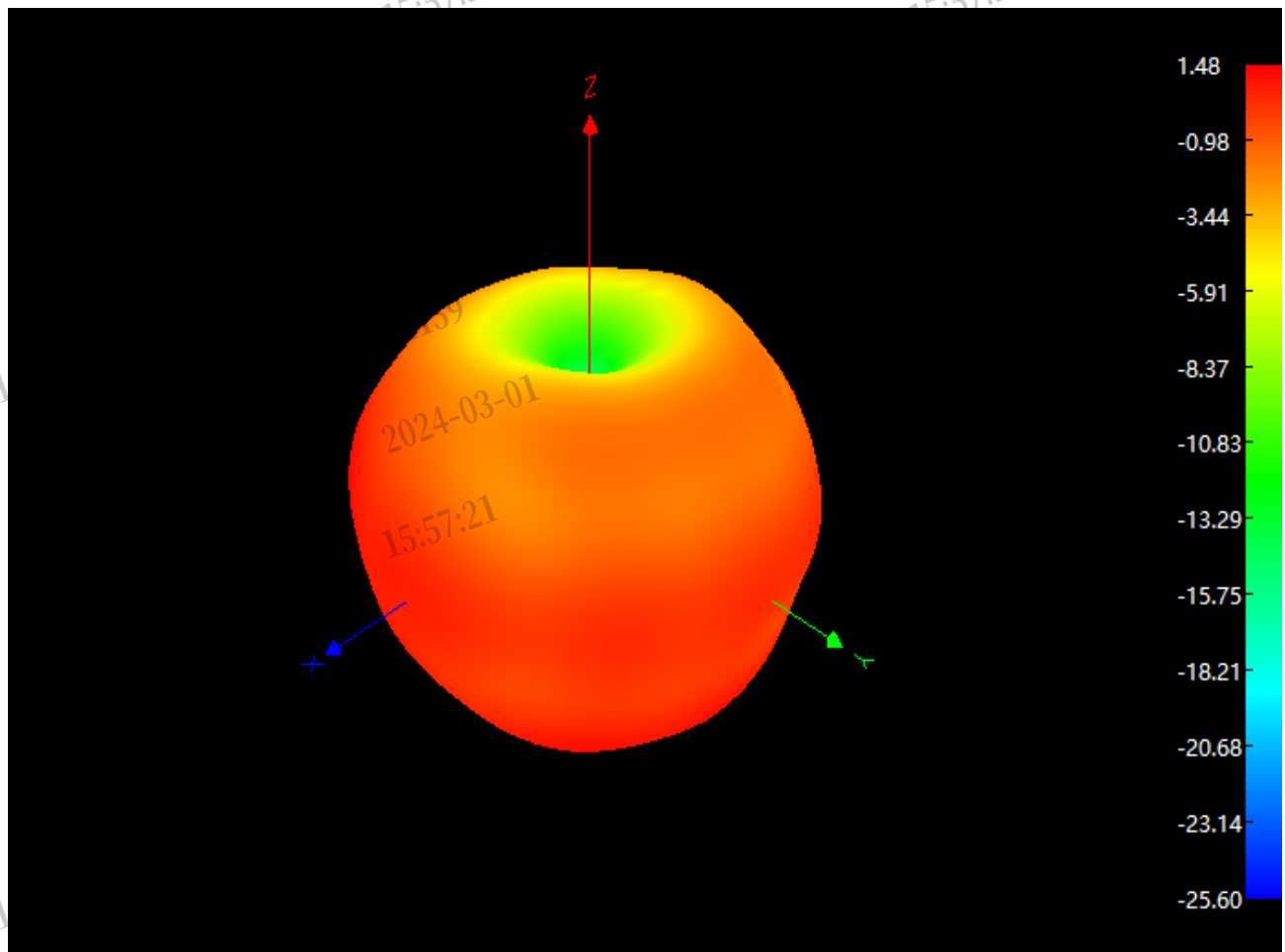
Passive Test For 850-950MHz Antenna			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
915	76.9	-1.1	1.9
916	76.7	-1.2	1.9
917	76.4	-1.2	1.9
918	75.9	-1.2	1.9
919	75.3	-1.2	1.9
920	75.2	-1.2	2.0
921	74.6	-1.3	1.9
922	74.8	-1.3	1.9
923	75.2	-1.2	1.9
924	75.3	-1.2	1.9
925	75.3	-1.2	1.9
926	75.7	-1.2	1.9
927	75.5	-1.2	1.9
928	75.3	-1.2	1.9
929	75.2	-1.2	2.0
930	75.0	-1.3	2.0

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Passive Test For 850-950MHz Antenna			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
932	55.5	-2.6	2.2
934	56.6	-2.5	2.4
936	58.1	-2.4	2.6
938	58.1	-2.4	2.6
940	56.1	-2.5	2.5
942	54.5	-2.6	2.4
944	54.8	-2.6	2.4
946	56.1	-2.5	2.6
948	56.2	-2.5	2.6
950	55.2	-2.6	2.5

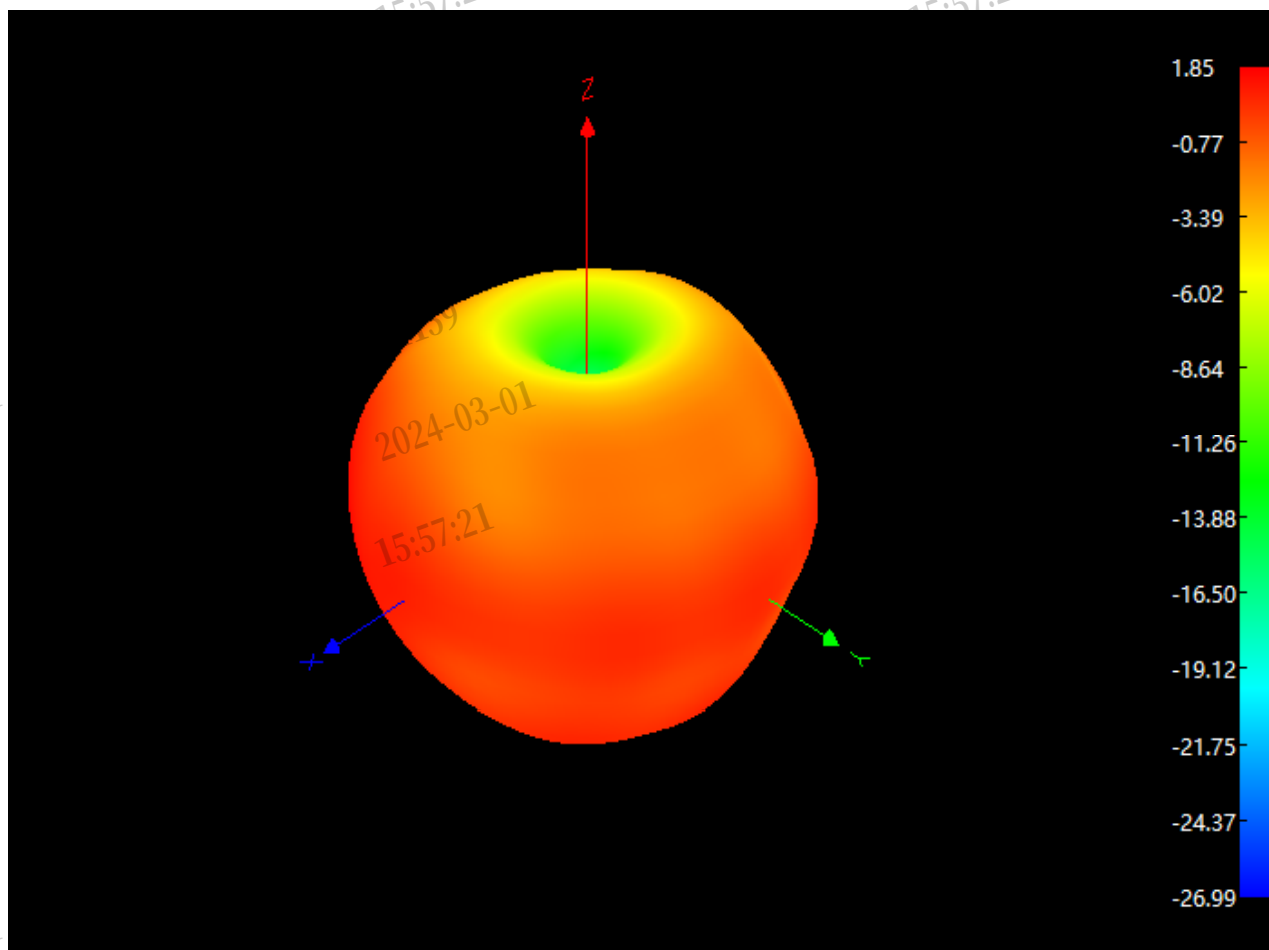
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Radiation Pattern For 850-950MHz Antenna(850MHz)



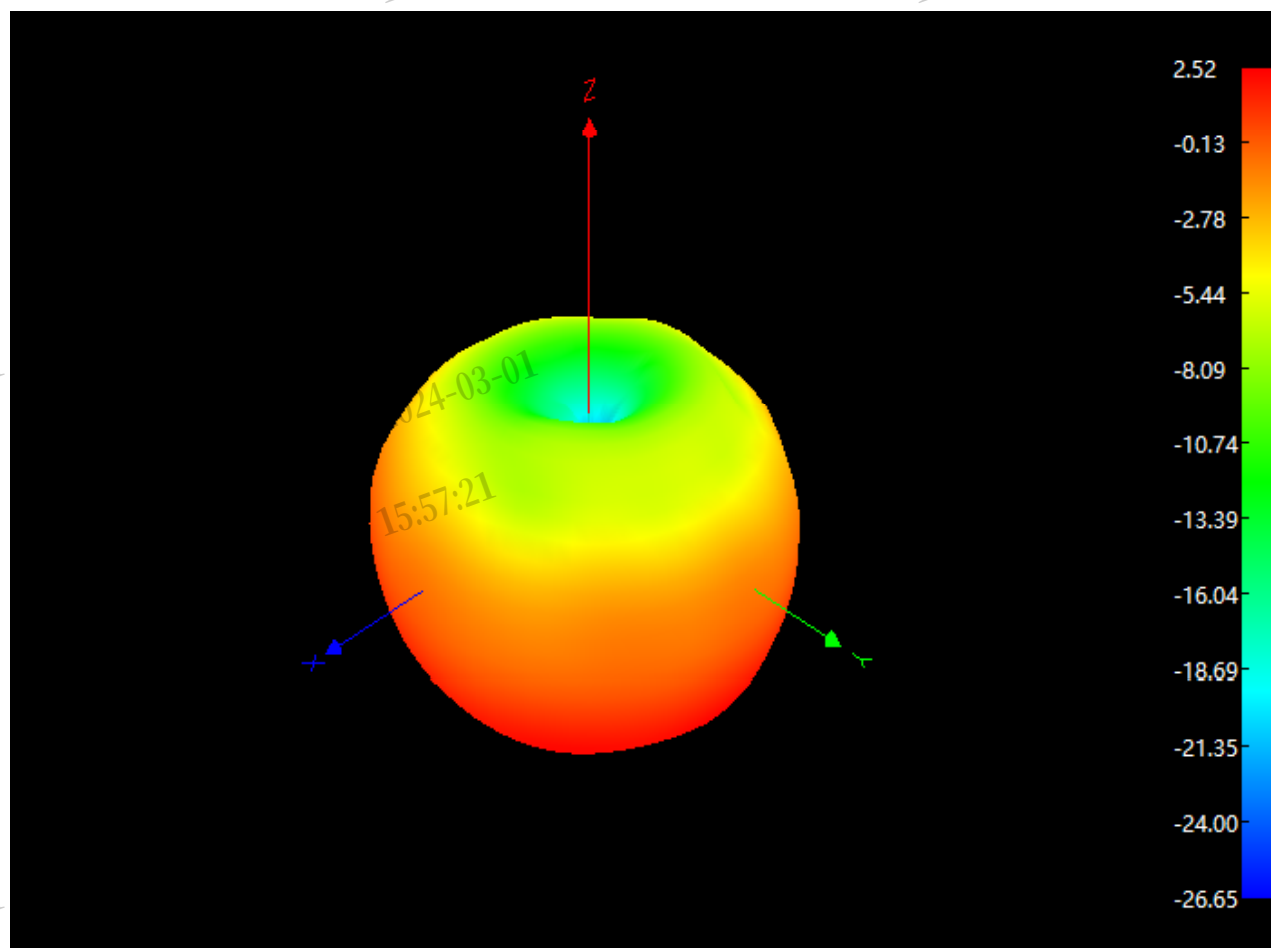
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Radiation Pattern For 850-950MHz Antenna(915MHz)



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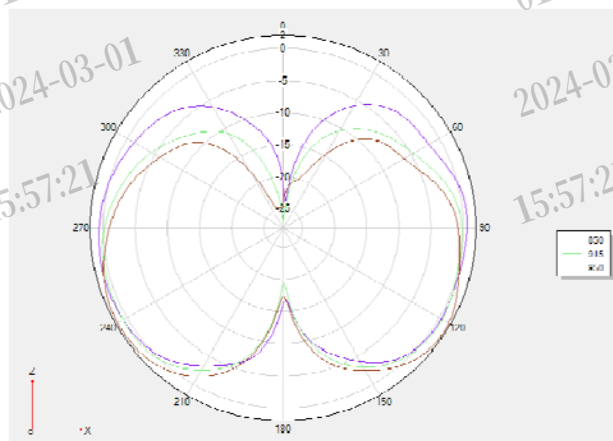
Radiation Pattern For 850-950MHz Antenna(950MHz)



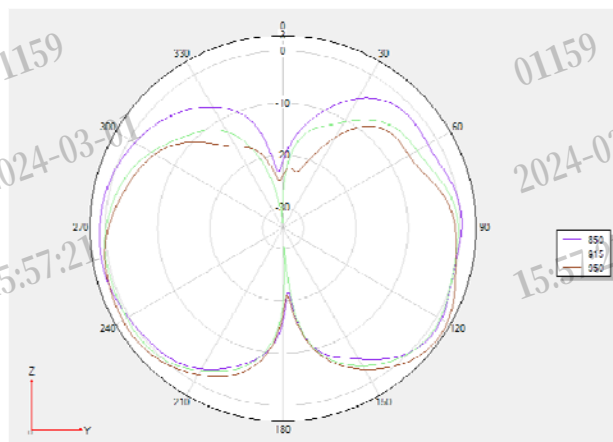
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Radiation Pattern For 850-950MHz Antenna

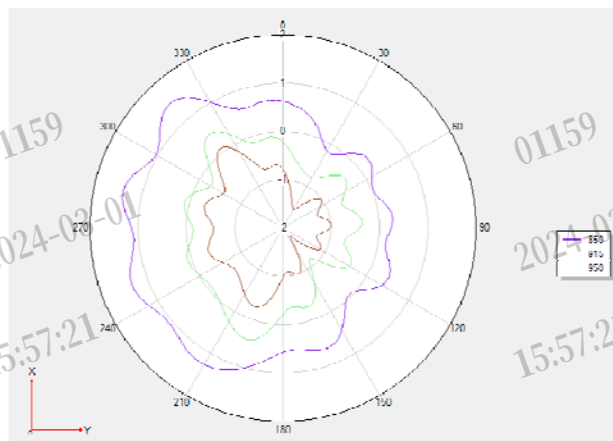
Phi 0°



Phi 90°



Theta 90°



**850-950
MHz
Antenna**



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850-950MHz Antenna



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