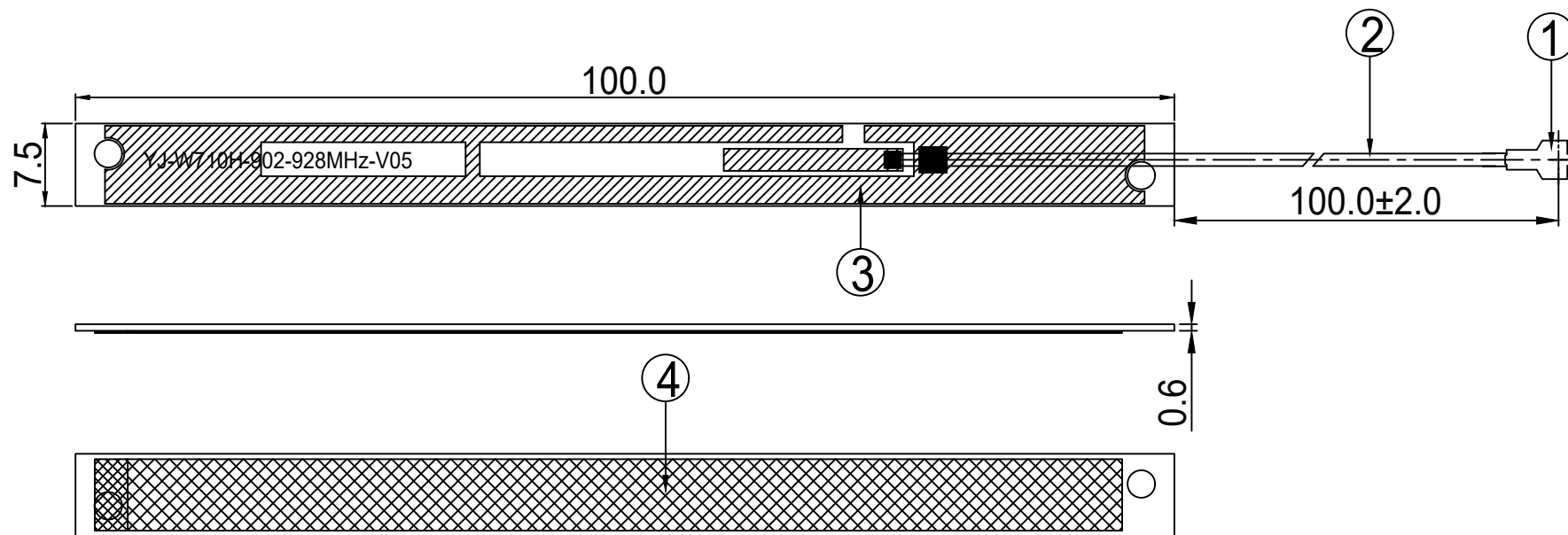


RoHS
Compatible

CUSTOMER	
PART NO	

REV.	DESCRIPTION	
A		
B		
C		
D		
E		
F		
G		



4	Paster	90.5*6.5mm	3M	PAS100XXA.P01	1
3	PCB	100.0*7.5*0.6mm	PCB	FPC11XXA.P01	1
2	Coaxial Cable	O.D.0.81 Black	O.D.0.81	COA100XXA.P01	1
1	Mini Connector	Au Plated 3	Cu	TER100XXA.P01	1
NO	PART NAME	DESCRIPTION	Material	Part Number	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: 902-928MHz Antenna L=100mm MHF

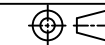
PART NO.: YJL01.106.035.303A

DATE: 2023-04-01

APPROVED BY

CHECKED BY

DESIGNED BY



Tolerance

X.X ±0.50

X.XX±0.15

X° ±3°

UNITS: mm

SCALE: 1/1

REVISION: G



天线规格

Antenna Specification

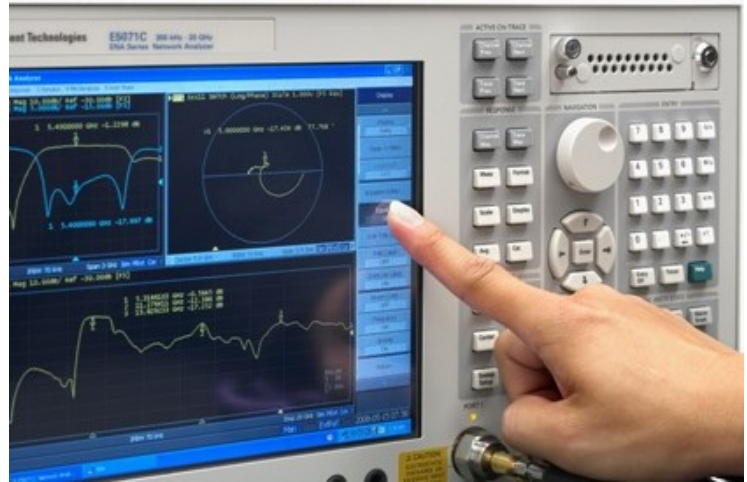
Electrical Properties	
Frequency	902-928MHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Gain	1.7 dBi
Radiation	Omni-directional
Polarization	Linear
Physical Properties	
Connector	3代IPEX
Cable Type	O.D.0.81mm
Cable Length	100mm
Cable Color	Black
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%

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

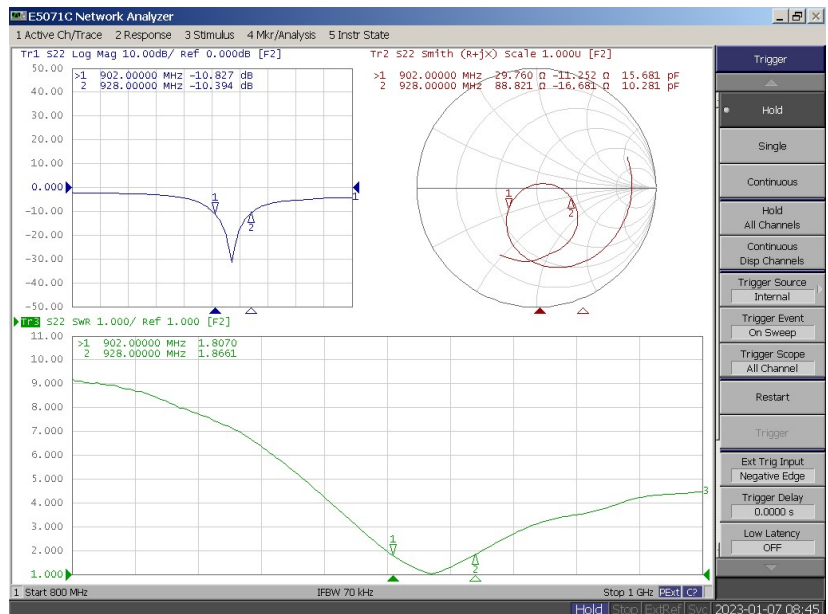


Antenna Performance Test

*Agilent
E5071B*



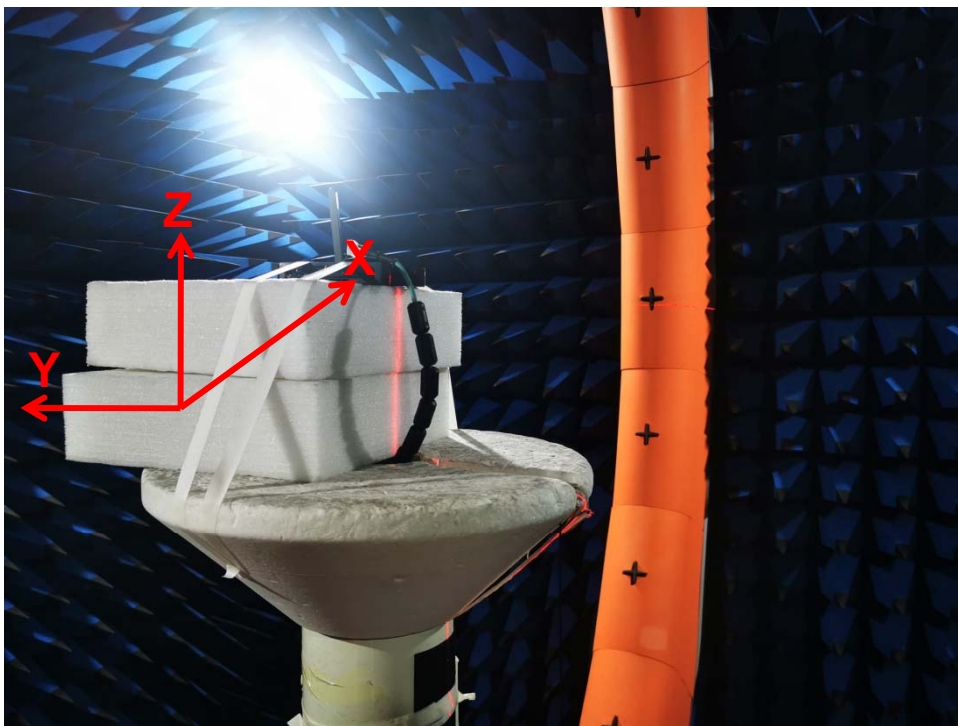
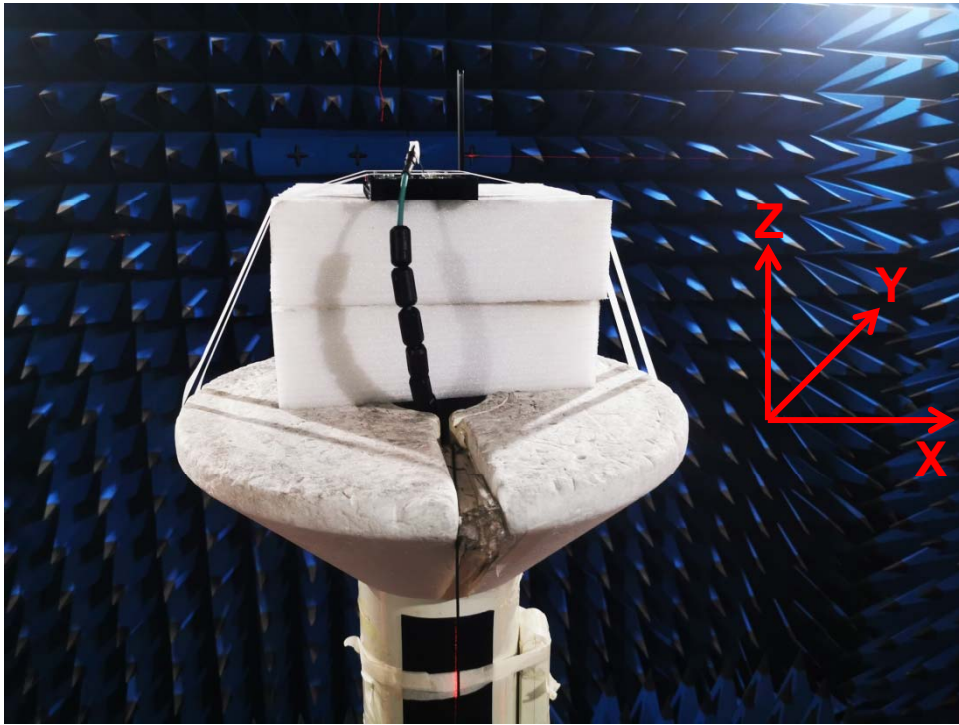
*S
Parameter
Test //
902~928MHz
Antenna*



add: 东莞市长安镇沙头社区木鱼路59号元富工业区Tel:0769-82586086Fax:0769-82586086
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Antenna Passive Test



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
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Passive Test For 902~928MHz Antenna

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
900	61.5	-2.1	0.9
901	62.5	-2.0	1.0
902	63.2	-2.0	1.1
903	63.4	-2.0	1.1
904	63.0	-2.0	1.1
905	62.2	-2.1	1.1
906	61.8	-2.1	1.1
907	61.7	-2.1	1.1
908	61.8	-2.1	1.1
909	62.4	-2.1	1.2
910	63.2	-2.0	1.3
911	63.5	-2.0	1.3
912	63.7	-2.0	1.4
913	63.8	-2.0	1.4
914	63.8	-2.0	1.4
915	63.7	-2.0	1.4

add: 东莞市长安镇沙头社区木鱼路59号元富工业区Tel:0769-82586086Fax:0769-82586086
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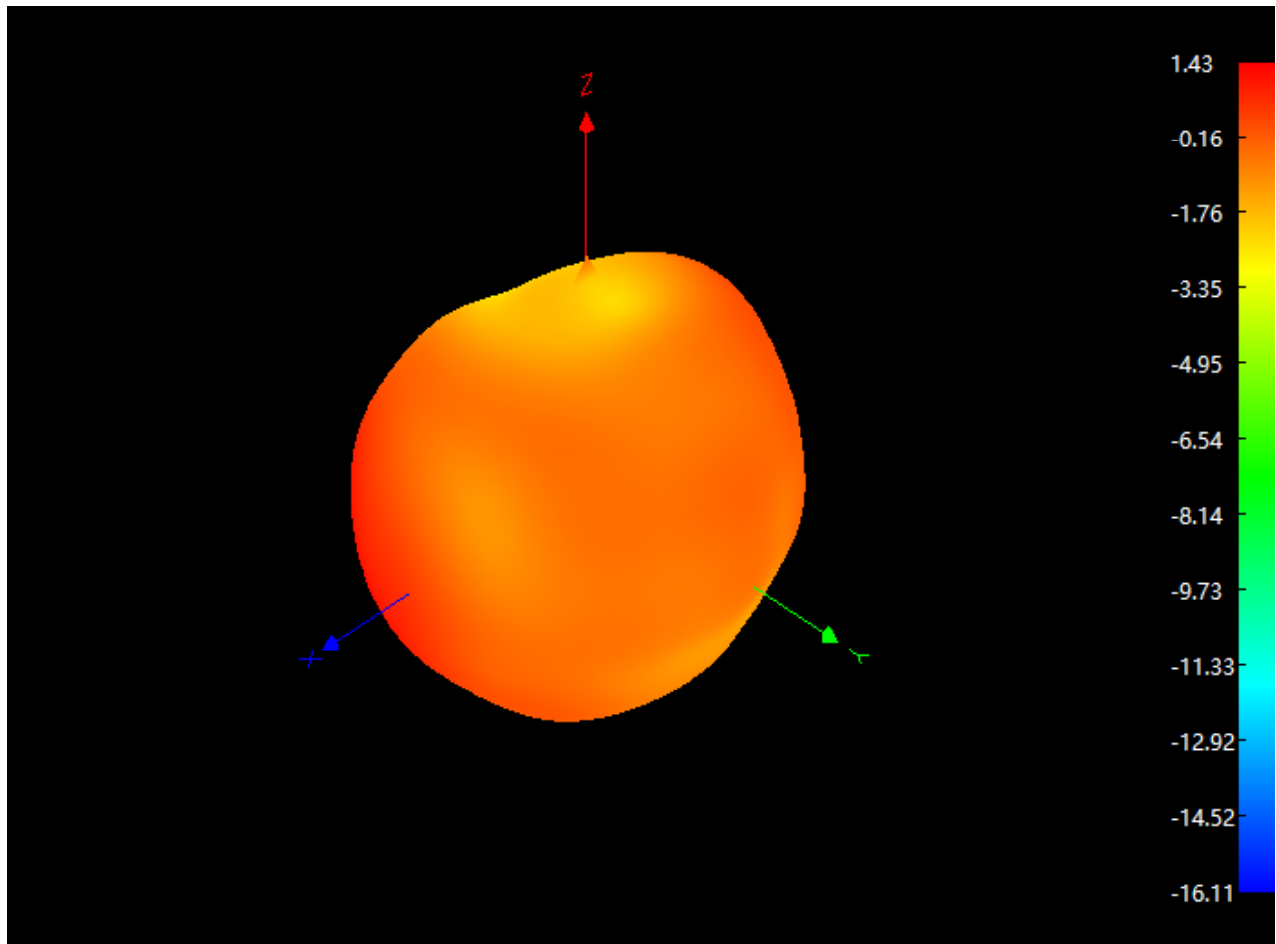
Passive Test For 902~928MHz Antenna

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
916	64.0	-1.9	1.5
917	64.0	-1.9	1.5
918	63.8	-2.0	1.5
919	63.7	-2.0	1.6
920	63.8	-2.0	1.6
921	63.7	-2.0	1.6
922	64.0	-1.9	1.6
923	64.4	-1.9	1.7
924	64.9	-1.9	1.7
925	64.7	-1.9	1.6
926	64.9	-1.9	1.7
927	64.7	-1.9	1.7
928	64.4	-1.9	1.7
929	64.1	-1.9	1.7
930	64.3	-1.9	1.7

add: 东莞市长安镇沙头社区木鱼路59号元富工业区Tel:0769-82586086Fax:0769-82586086
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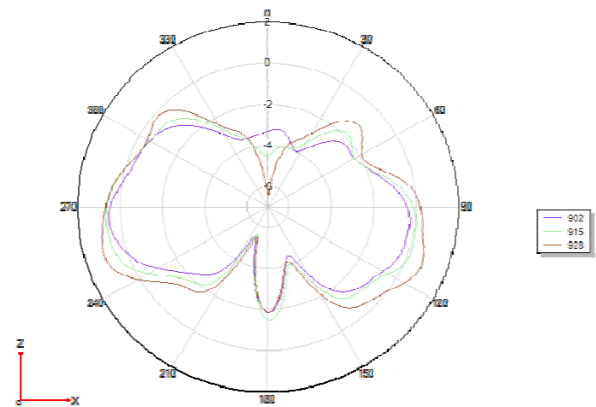
Radiation Pattern For 902~928MHz Antenna(915MHz)



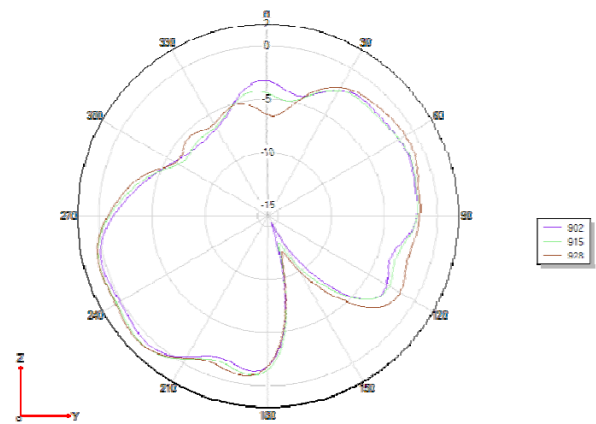


2D Radiation Pattern For For 902~928MHz Antenna

Phi 0°



Phi 90°



Theta 90°

