

RoHS
Compatible

CUSTOMER
PART NO

REV.

DESCRIPTION

DATE

A

2023-01-04

B

2023-01-06

C

2023-02-06

D

2023-02-08

E

2023-03-14

F

2023-03-20

G

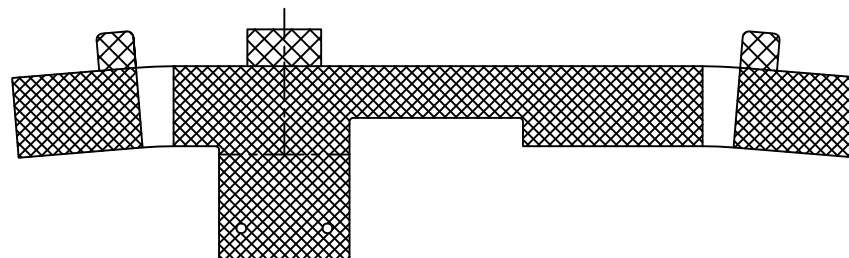
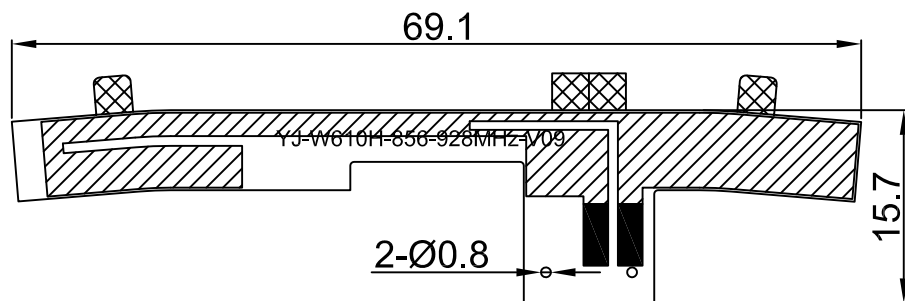
2023-03-22

H

2023-04-15

I

2023-05-04



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: 856-928MHz Antenna

PART NO.: YJL01.106.055.301A

DATE: 2023-05-04

APPROVED BY

CHECKED BY

DESIGNED BY

UNITS: mm

SCALE: 1/1

REVISION: I

Tolerance

X.X ±0.50

X.XX±0.15

X° ±3°



天线规格

Antenna Specification

Electrical Properties

Frequency	856-928MHz
Impedance	50 Ohm Nominal
V.S.W.R	2.5 Max
Gain	1.5 dBi
Radiation	Omni-directional
Polarization	Linear

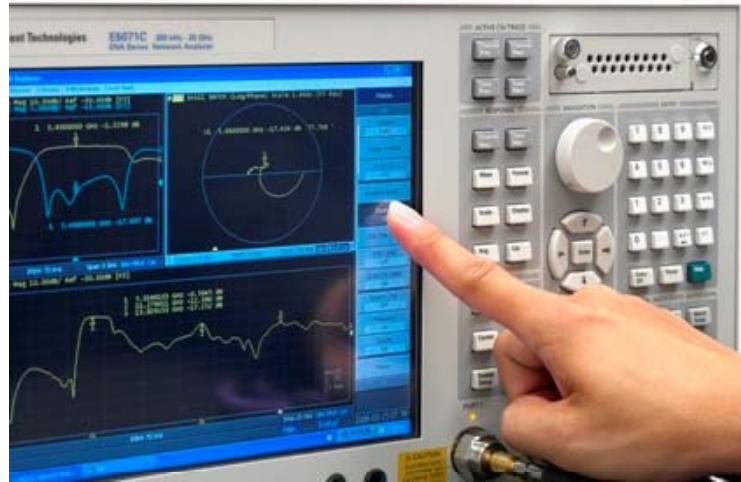
Physical Properties

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

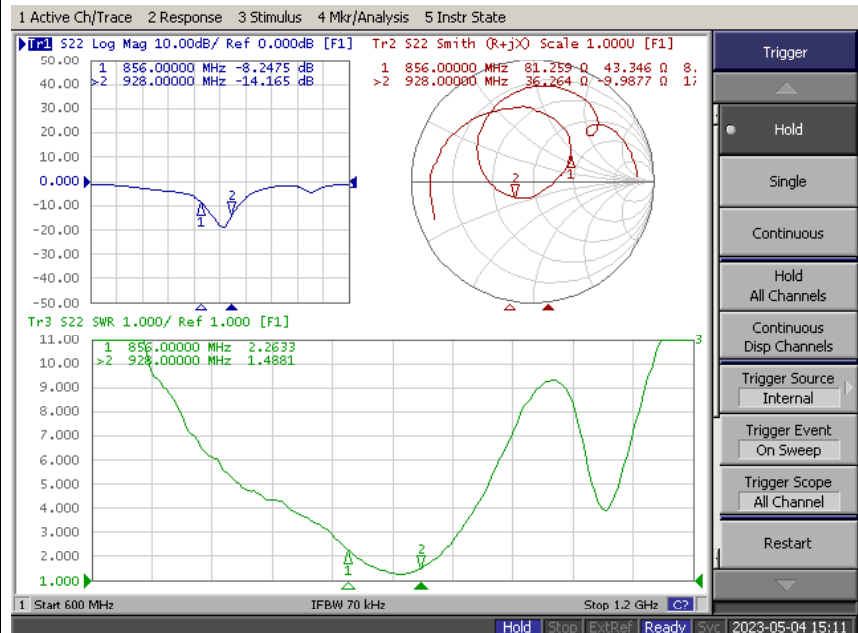
add: 东莞市长安镇沙头社区木鱼路59号元富工业区 Tel: 0769-82586086 Fax: 0769-82586086
Yuanfu Industrial Zone, No. 59 Muyu Road, Shatou Community, Changan Town, Dongguan City
Tel: 0769-82586086 Fax: 0769-82586086



Agilent E5071B



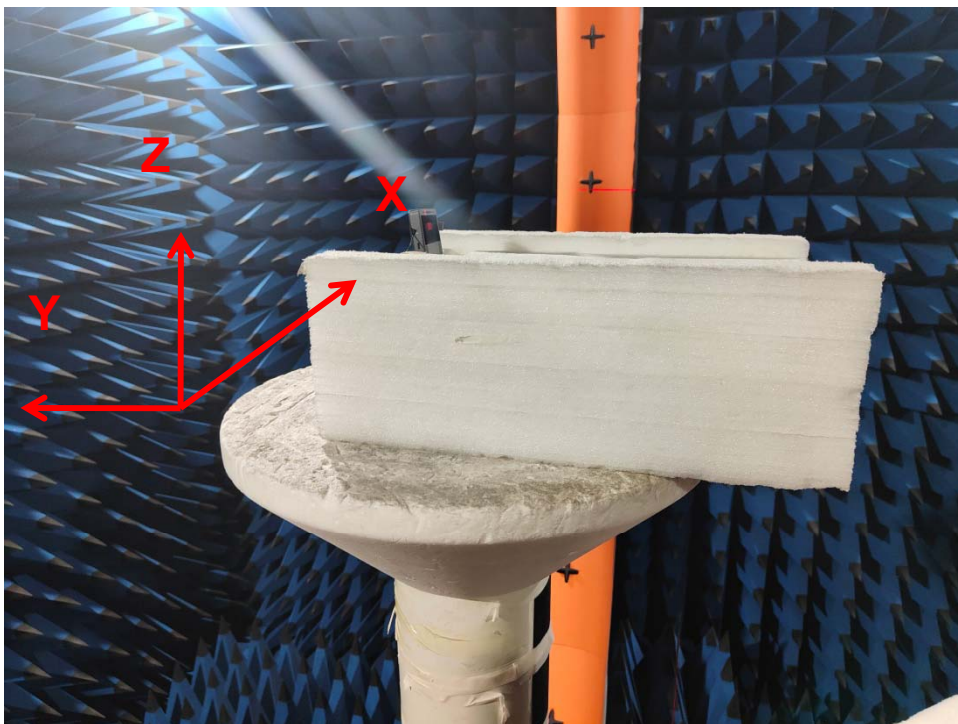
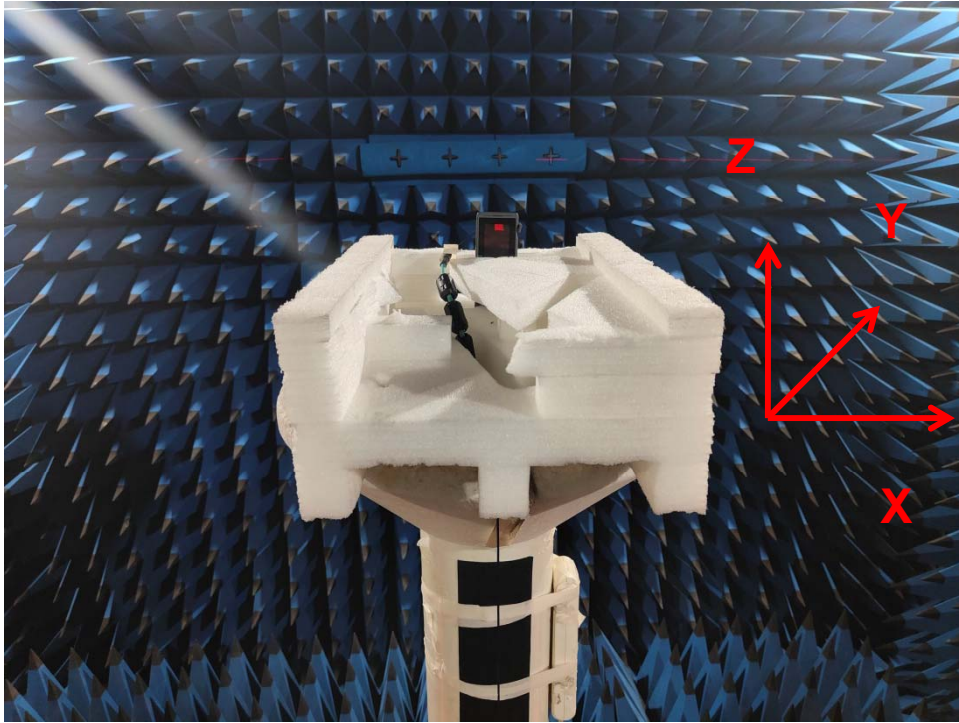
S Parameter Test // 856~928MHz Antenna



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Antenna Passive Test



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Passive Test For 856~928MHz Antenna

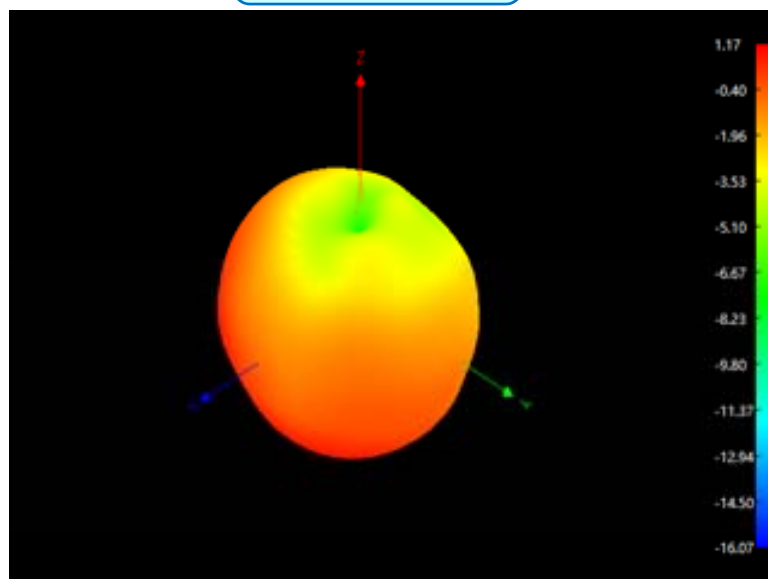
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
850	50.9	-2.9	1.2
856	51.3	-2.9	1.2
862	50.2	-3.0	0.9
868	53.2	-2.7	1.3
874	51.9	-2.9	1.2
880	52.3	-2.8	1.2
886	50.1	-3.0	1.0
892	50.6	-3.0	0.9
898	48.5	-3.1	0.9
904	49.8	-3.0	1.2
910	49.2	-3.1	1.2
916	49.9	-3.0	1.2
922	49.2	-3.1	1.3
928	50.0	-3.0	1.5
934	49.1	-3.1	1.5

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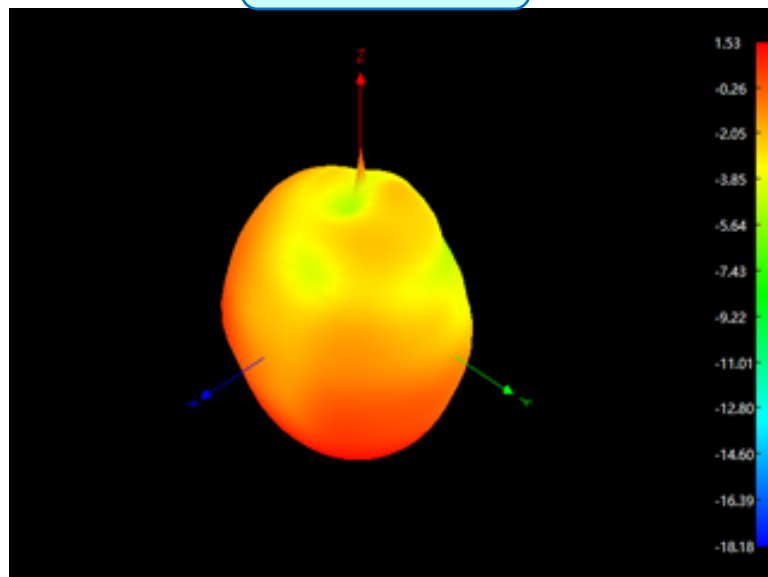


Radiation Pattern For 856~928MHz Antenna

856MHz

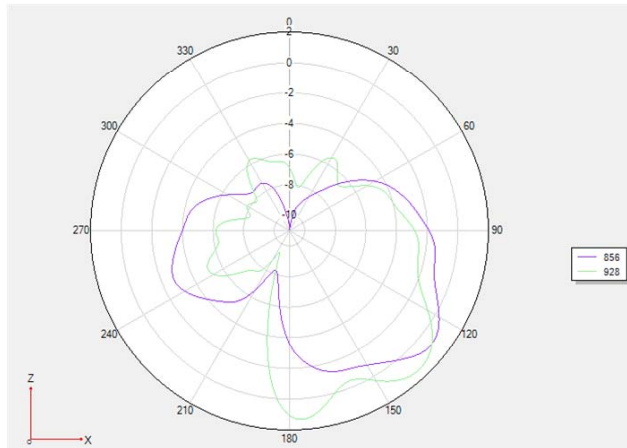


928MHz

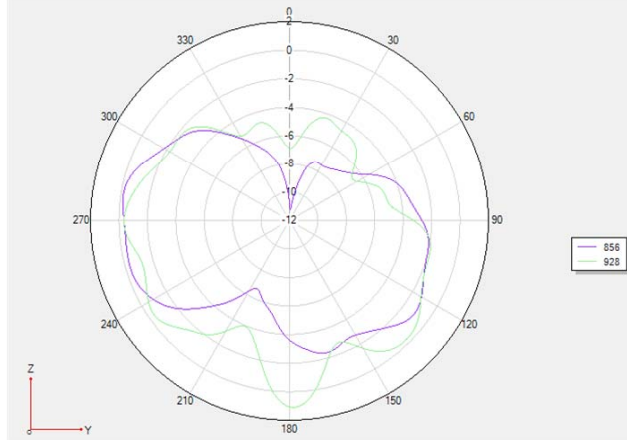




Phi 0°



Phi 90°



Theta 90°

