



Shenzhen ZLYD Technology Co., LTD

SPECIFICATION FOR APPROVAL

CUSTOMER NAME: ShenZhen HUACHUANG AGES Technology Co.,Ltd

PRODUCT NAME: 4G antenna

CUSTOMER P/N:

ZLYD P/N: Z2CFPC004G00020

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:	VICTOR	
APPROVED BY:	EVINE	
DATE:	April 19, 2023	

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一、 Change of resume

version	date	Change record
A	April 19, 2023	Initial release

Manufacturer: Shenzhen ZLYD Technology Co., Ltd

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Telephone: 0755-29890211

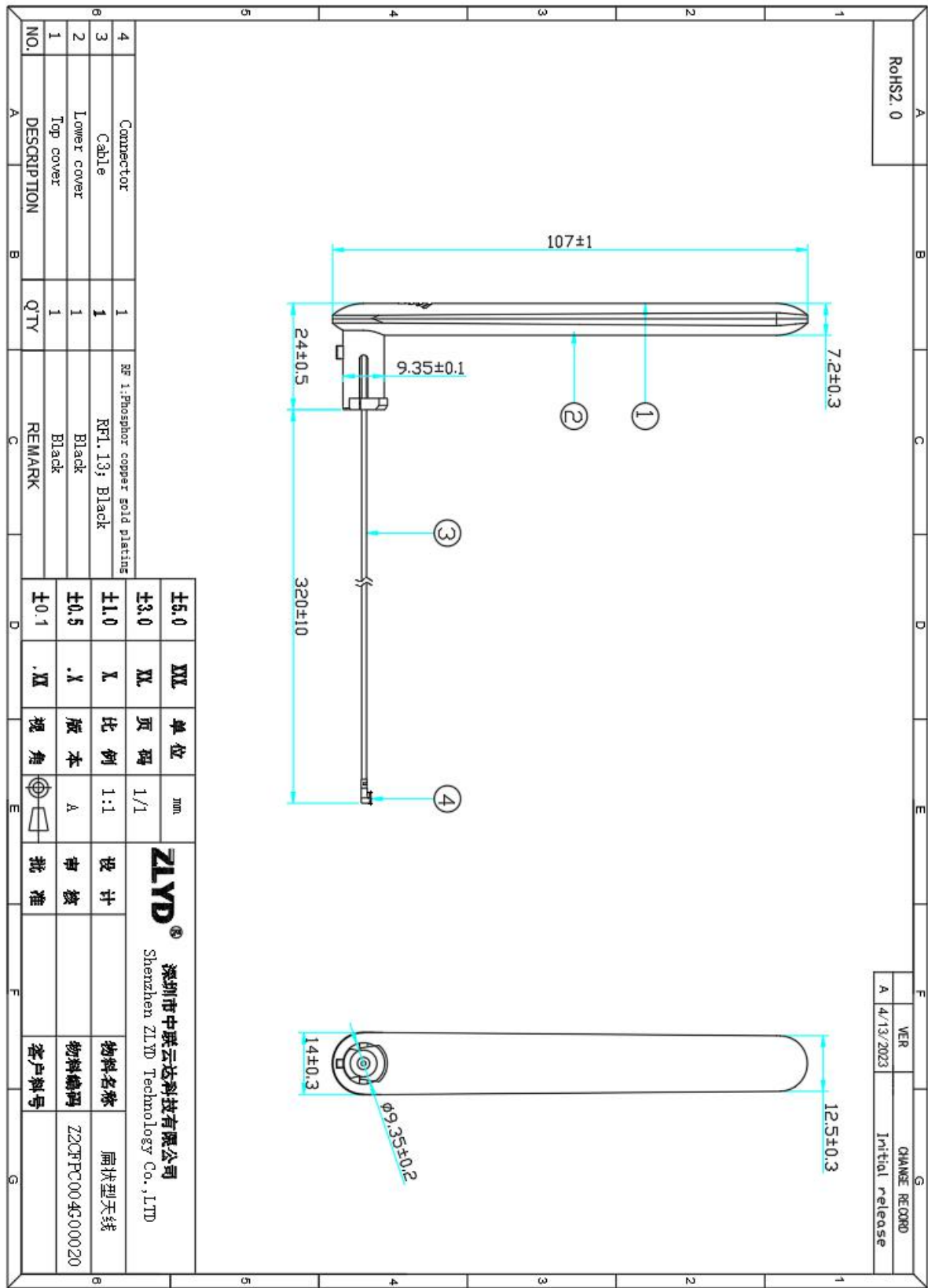
E-mail: ZLYD88888@163.com

二、Specification sheet

Product main technical parameters

Main technical specifications	
Frequency Range (MHZ)	800~960 1710~2700
Impedance(Ω)	50
Peak Gain(dBi)	3 $\pm$ 0.5
VSWR	$\leq$ 3.0
Polarization	Linear
Connector Type	RF 1 Connector
Physical Properties	
Operating Temp	-20 $^{\circ}$ C~+70 $^{\circ}$ C
Storage Temp	-20 $^{\circ}$ C~+60 $^{\circ}$ C

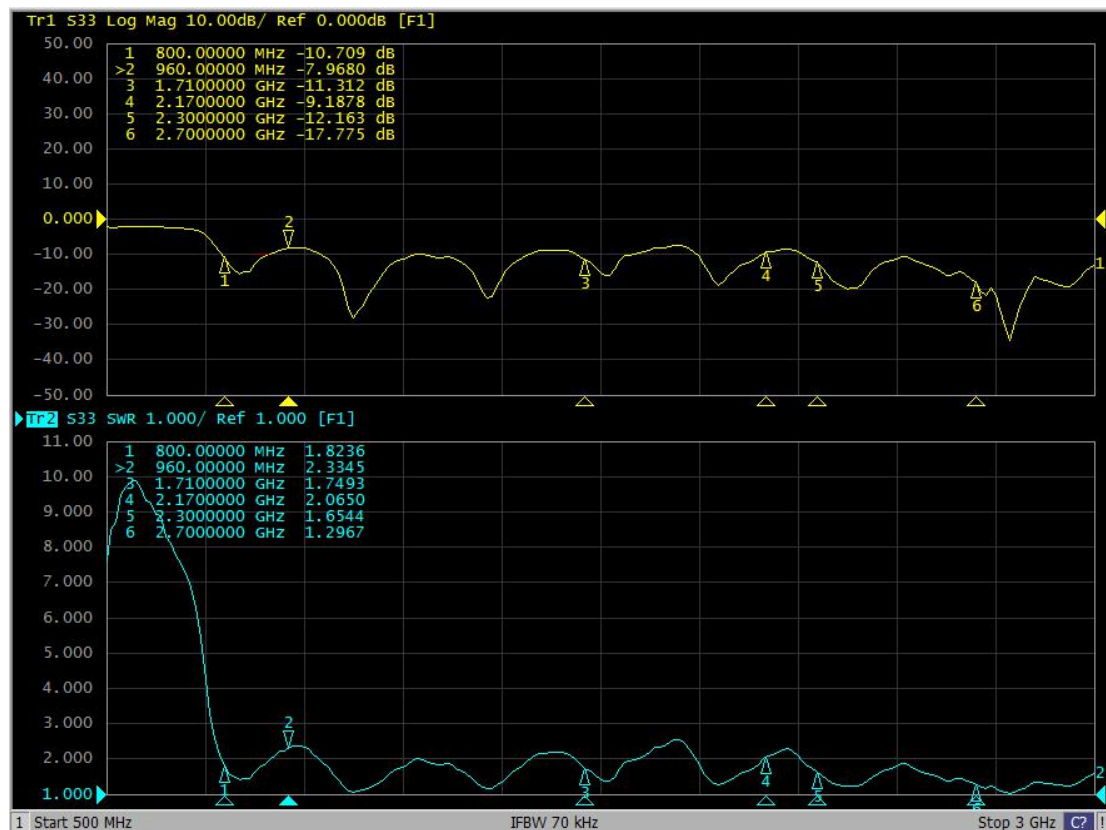
11、Finished drawing



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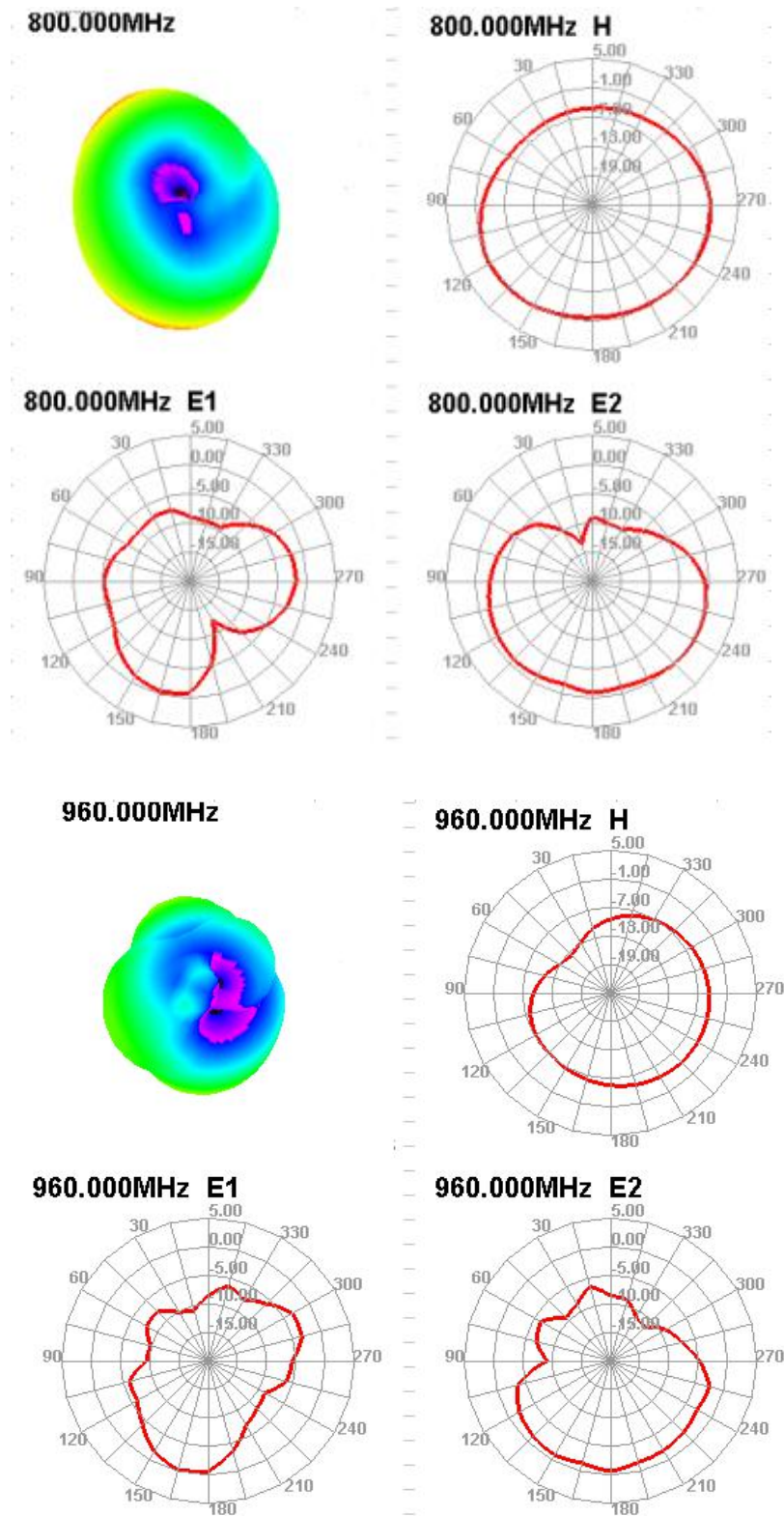
四、 Test report

4.1: Network analyzer test report



4.2: Antenna gain and efficiency

ANT		
Frequency (MHZ)	Gain (dBi)	Efficiency (%)
700	0.06	32.05
800	0.36	41.63
834.5	0.28	39.22
897.5	0.65	43.30
960	1.25	50.27
1710	3.37	64.18
1775	1.98	49.35
1900	1.68	46.02
1930	2.03	47.60
2170	3.73	55.65
2300	2.81	53.41
2502.5	2.53	52.16
2700	3.72	62.86

4.3: Dark room 2D、3DRaditation Pattern

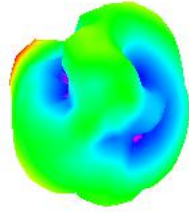
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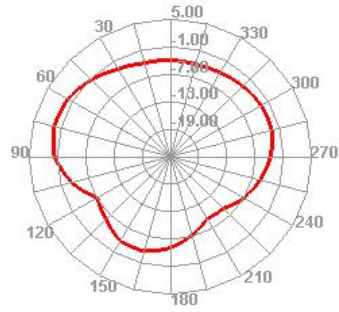
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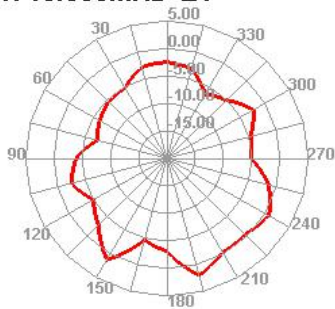
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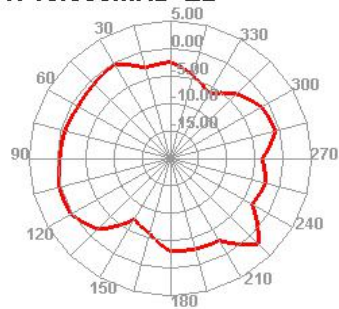
1710.000MHz H



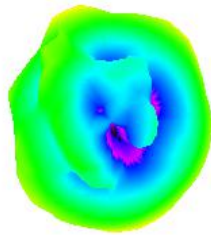
1710.000MHz E1



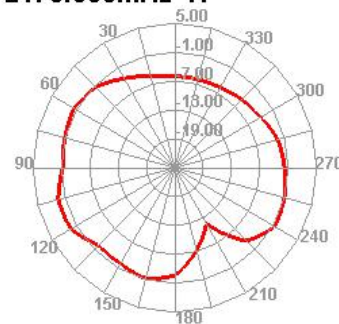
1710.000MHz E2



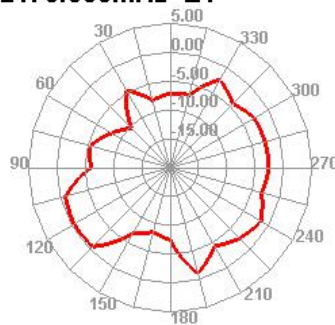
2170.000MHz



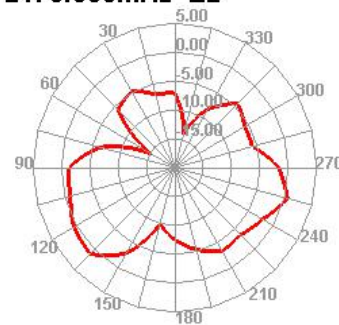
2170.000MHz H



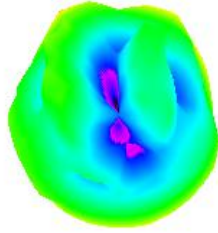
2170.000MHz E1



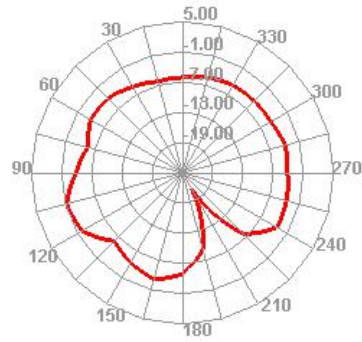
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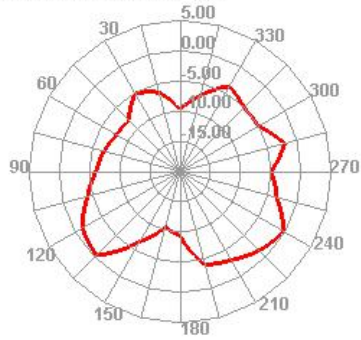
2300.000MHz



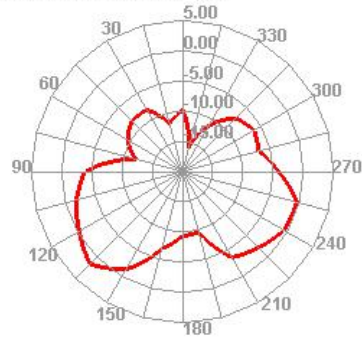
2300.000MHz H



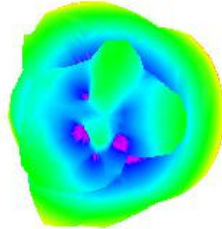
2300.000MHz E1



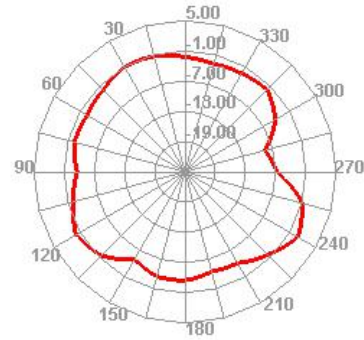
2300.000MHz E2



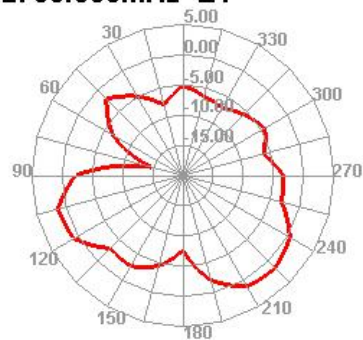
2700.000MHz



2700.000MHz H



2700.000MHz E1



2700.000MHz E2

