



Shenzhen ZLYD Technology Co., LTD

SPECIFICATION FOR APPROVAL

CUSTOMER NAME: ShenZhen HUACHUANG AGES Technology Co..Ltd

PRODUCT NAME: 2.4G/5.8G Dual band antenna

CUSTOMER P/N: 1.04.02.023

ZLYD P/N: Z2CFPC245800001

	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

Add: Floor 5, Block 4, Daxin Xinmei Industrial Park, No. 21, Gongchang Road, Guangming District, Shenzhen

Telephone: 0755-29890211

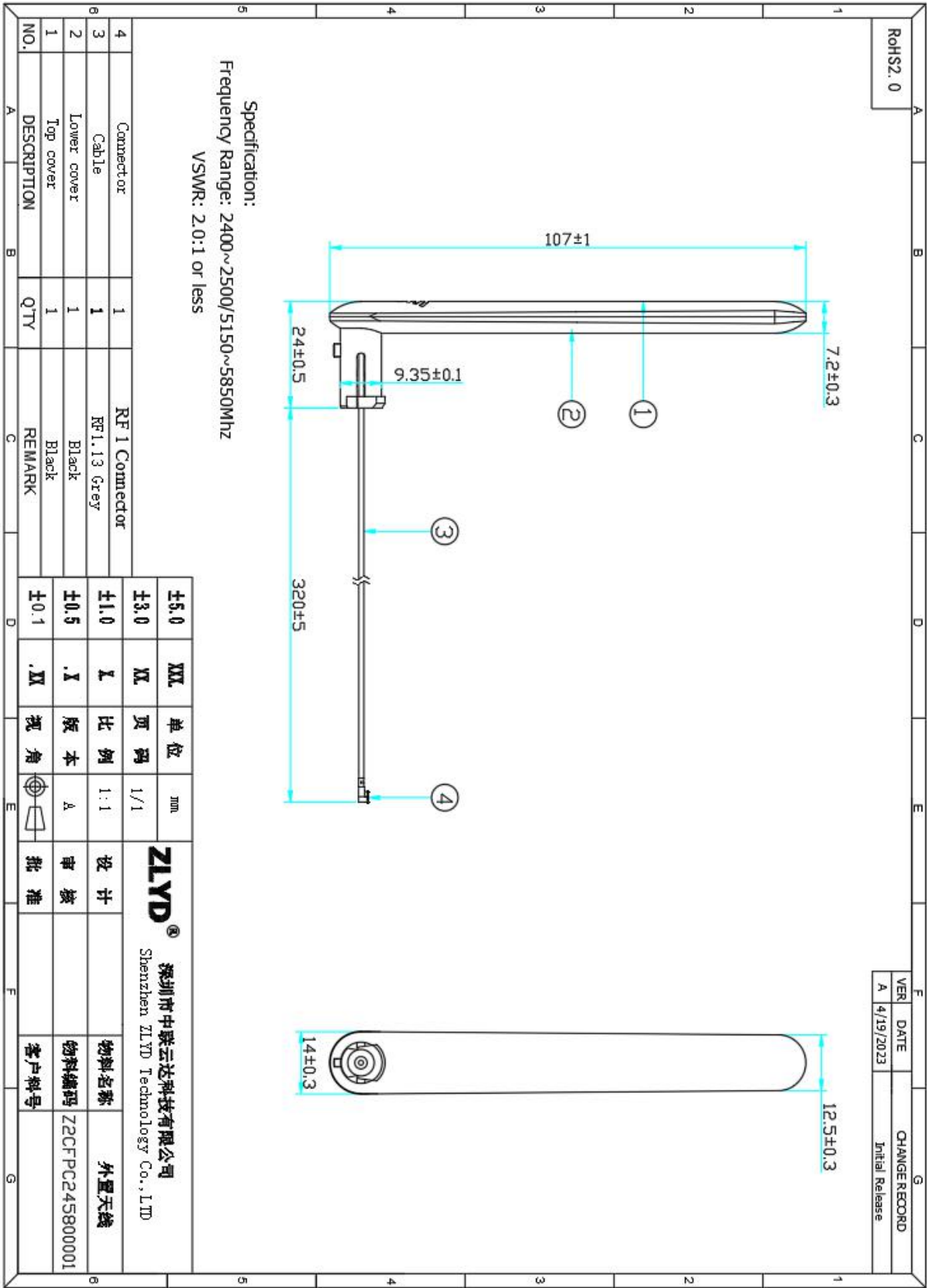
E-mail: ZLYD88888@163.com

二、Specification sheet

Product main technical parameters

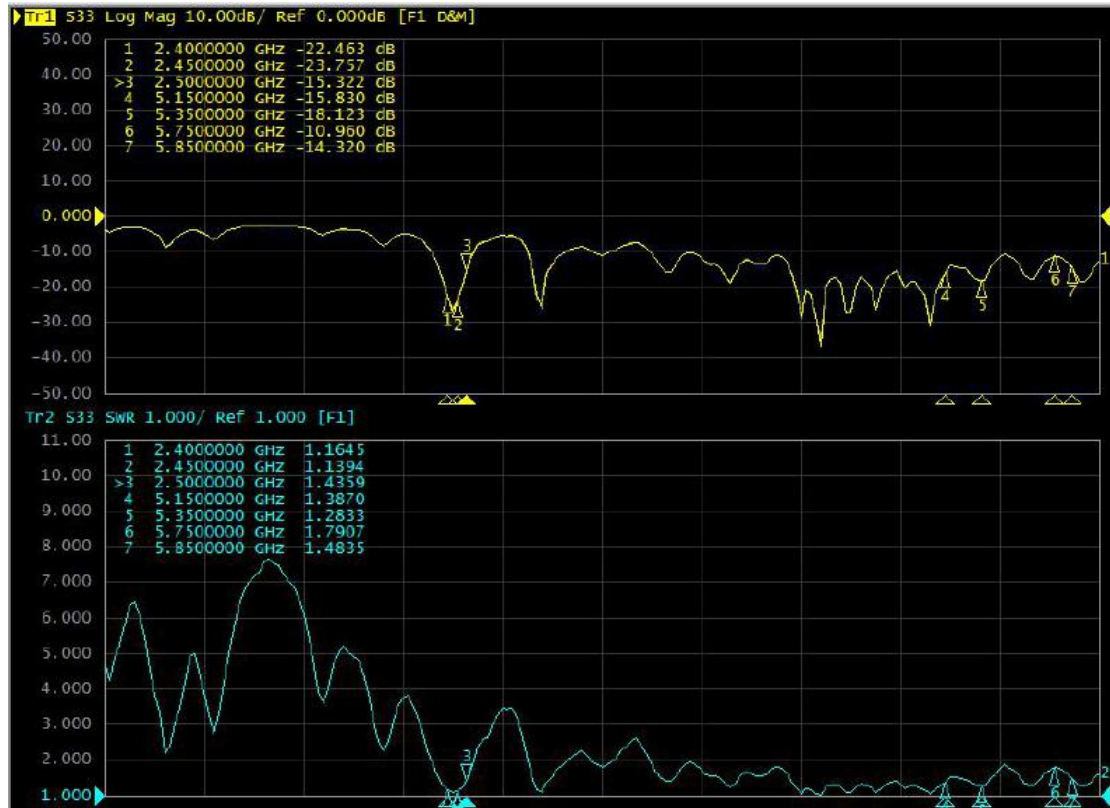
Main technical specifications	
Frequency Range (MHZ)	2400~2500 5150~5850
Impedance(Ω)	50
Peak Gain(dBi)	3 $\pm$ 0.5
VSWR	≤ 2.0
Polarization	Linear
Connector Type	RF 1 Connector
Physical Properties	
Operating Temp	-20 $^{\circ}$ C~+70 $^{\circ}$ C
Storage Temp	-20 $^{\circ}$ C~+60 $^{\circ}$ C

11、Finished drawing



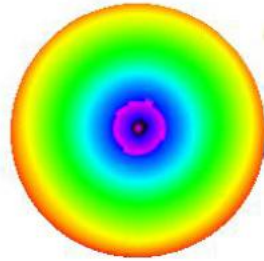
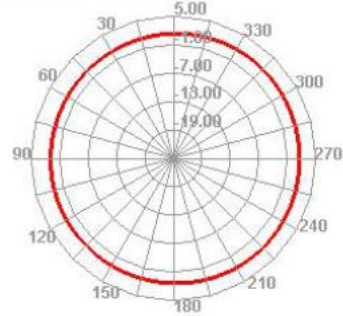
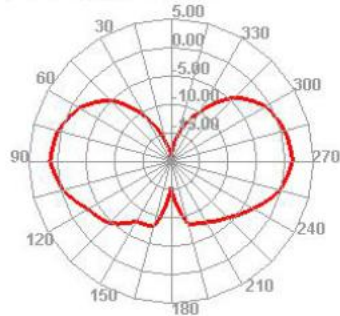
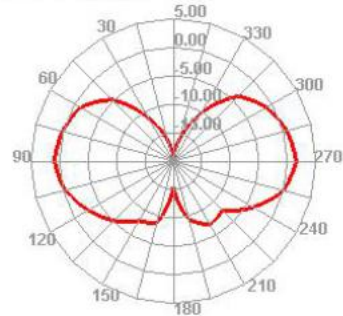
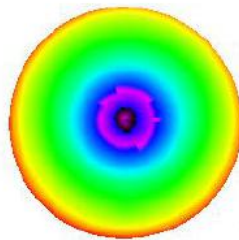
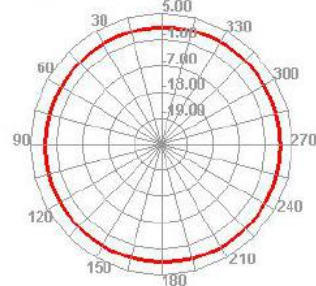
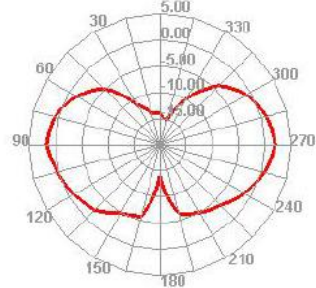
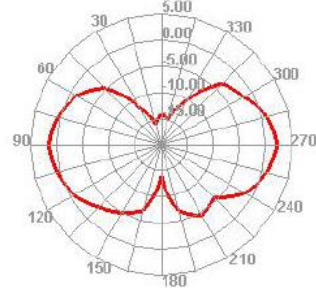
四、 Test report

4.1: Network analyzer test report

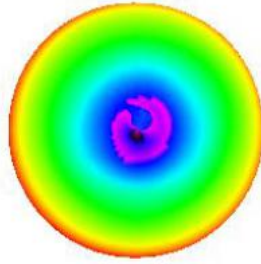


4.2: Antenna gain and efficiency

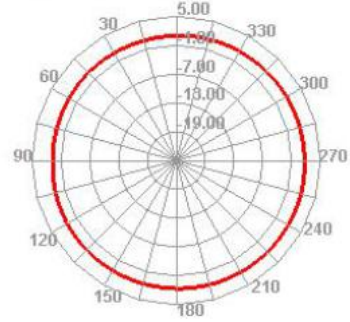
Frequency (MHZ)	Peak gain (dBi)	Efficiency (%)
2400	2.71	72.34
2450	2.86	75.61
2500	2.91	74.43
5150	2.75	68.26
5350	2.61	71.33
5750	3.02	70.72
5850	2.89	67.58

4.3: Dark room 2D、3DRaditation Pattern**2400.000MHz****2400.000MHz H****2400.000MHz E1****2400.000MHz E2****2450.000MHz****2450.000MHz H****2450.000MHz E1****2450.000MHz E2**

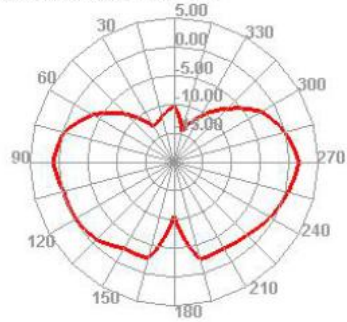
2500.000MHz



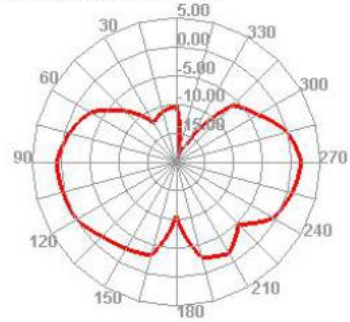
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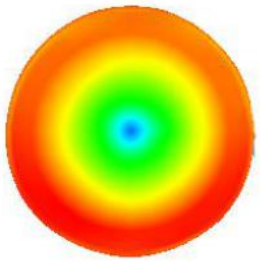
2500.000MHz E1



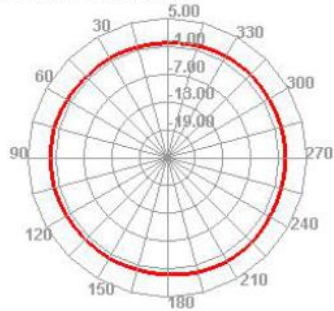
2500.000MHz E2



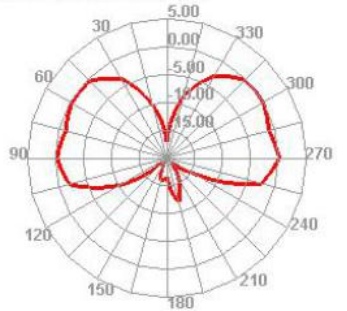
5150.000MHz



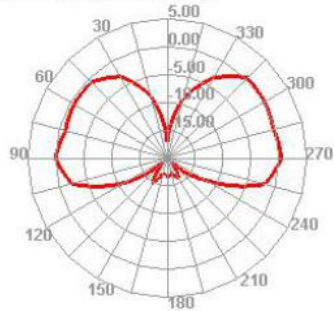
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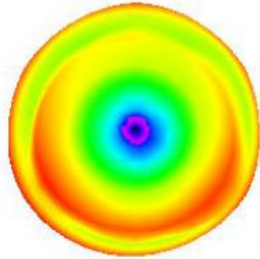
5150.000MHz E1



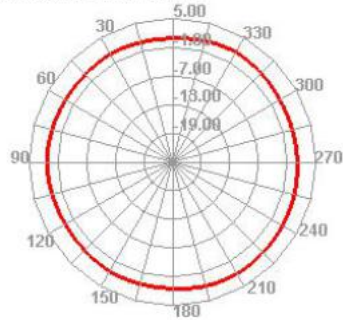
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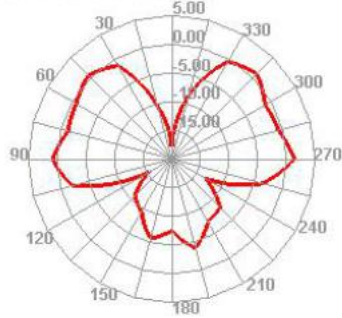
5350.000MHz



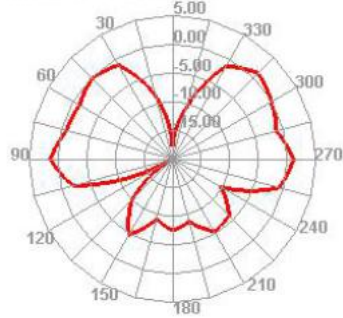
5350.000MHz H



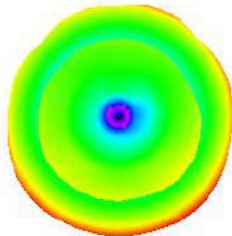
5350.000MHz E1



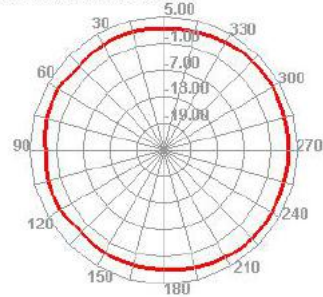
5350.000MHz E2



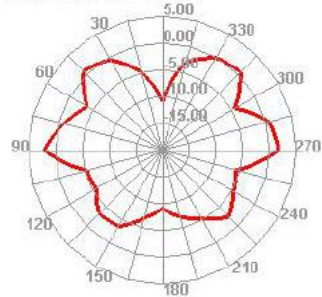
5750.000MHz



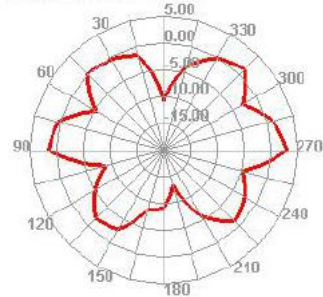
5750.000MHz H



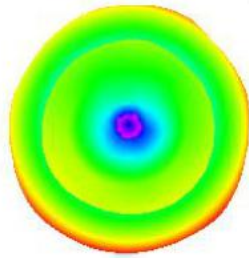
5750.000MHz E1



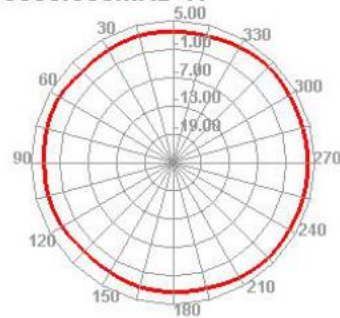
5750.000MHz E2



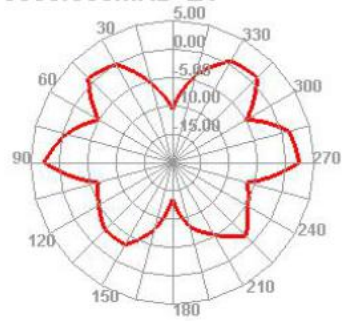
5850.000MHz



5850.000MHz H



5850.000MHz E1



5850.000MHz E2

