



Shenzhen ZLYD Technology Co., LTD

SPECIFICATION FOR APPROVAL

CUSTOMER NAME: ShenZhen Anjia information Technology Co..Ltd

PRODUCT NAME: 2.4G&5.8G Dual-band Antenna

CUSTOMER P/N: 02.02.07.00141

ZLYD P/N: Z1CFPC245800020 REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:	VICTOR	
APPROVED BY:	EVINE	
DATE:	2024-8-12	

Contents

<i>Item</i>	<i>Description</i>
一、 -----	Change of resume
二、 -----	Specification sheet
三、 -----	Finished drawing
四、 -----	Test report



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一、 Change of resume

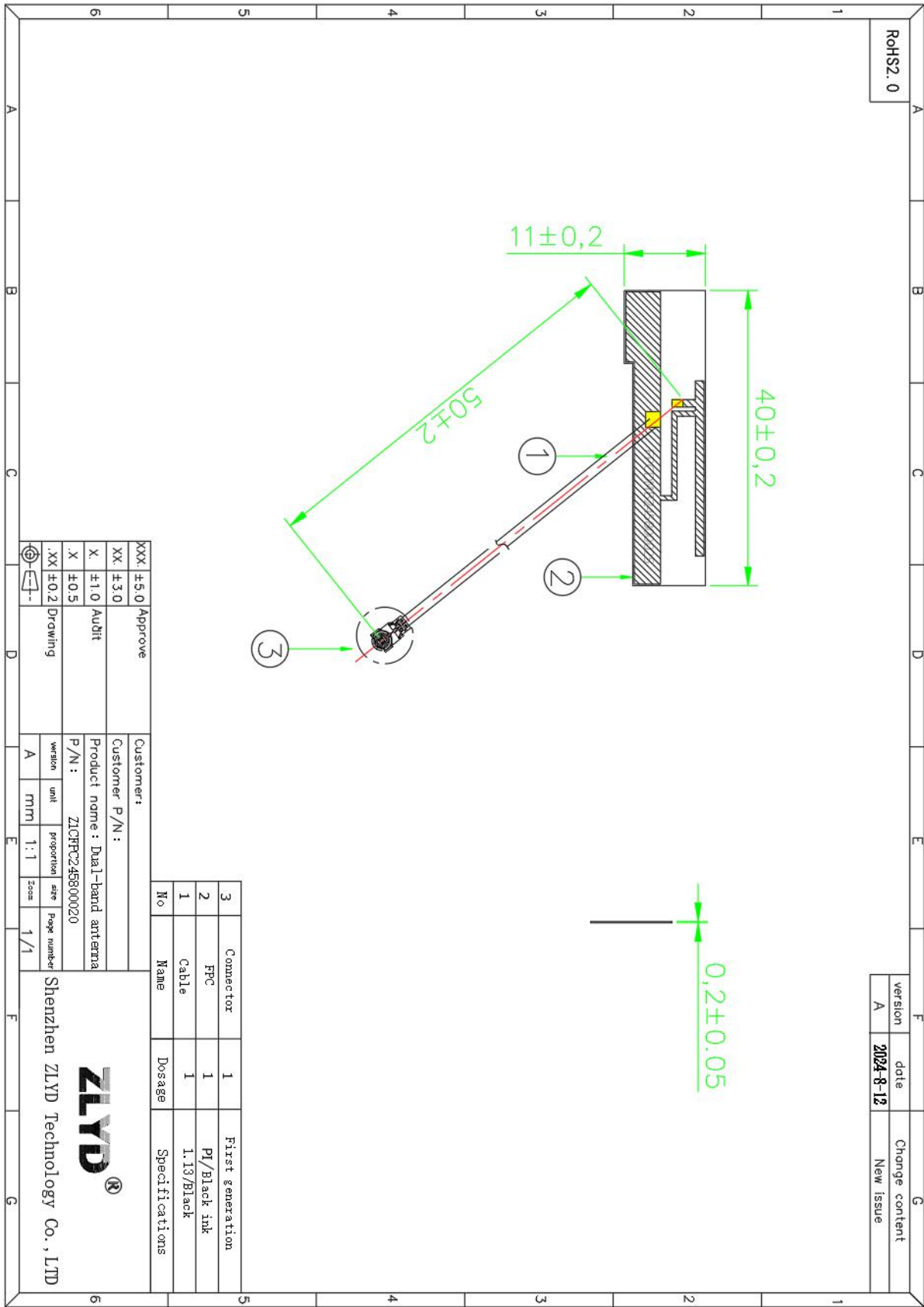
version	date	Change record
A	2024-8-12	Initial release

二、Specification sheet

Product main technical parameters

Main technical specifications	
Frequency Range (MHZ)	2400~2500 5150~5850
Impedance(Ω)	50
Peak Gain(dBi)	2.4G 3.47 5.8G 3.41
VSWR	≤ 2.0
Polarization	Linear
Connector Type	I-PEX
Physical Properties	
Operating Temp	-20°C~+70°C
Storage Temp	-20°C~+60°C

11、Finished drawing



四、Test report

4.1: Network analyzer test report



4.2: Antenna gain and efficiency

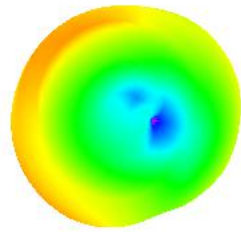
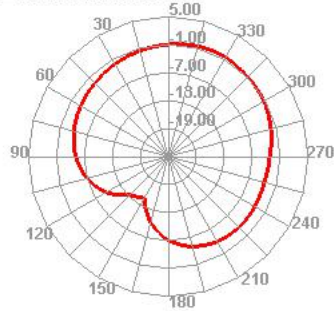
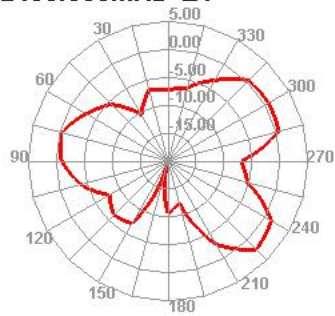
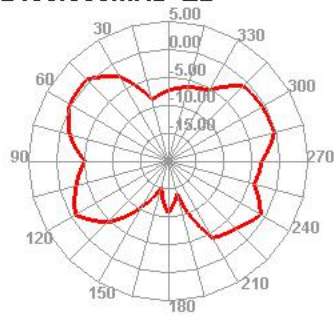
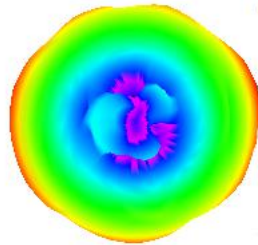
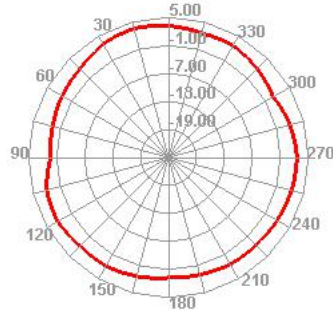
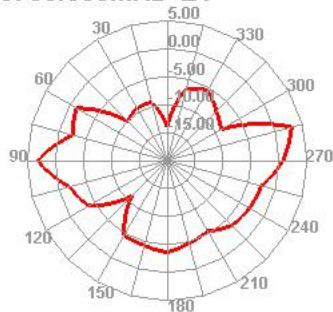
Frequency (MHZ)	Peak gain (dBi)	Efficiency (%)
2400	3.14	63.40
2450	3.06	66.92
2500	3.47	65.04
5150	3.29	62.36
5500	3.23	60.25
5850	3.41	67.20

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4.3: Dark room 2D、3DRaditation Pattern**2450.000MHz****2450.000MHz H****2450.000MHz E1****2450.000MHz E2****5750.000MHz****5750.000MHz H****5750.000MHz E1****5750.000MHz E2**