



Shenzhen ZLYD Technology Co., LTD

SPECIFICATION FOR APPROVAL

CUSTOMER NAME:

PRODUCT NAME: 2.4G 3dBi Built-in Antenna

CUSTOMER P/N:

ZLYD P/N: Z1NP3D16A REV: A

Mode: Z1NP3D16A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:	VICTOR	
APPROVED BY:	EVINE	
DATE:	2023-1-11	

Contents

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



Shenzhen ZLYD Technology Co., LTD

一、 Change of resume

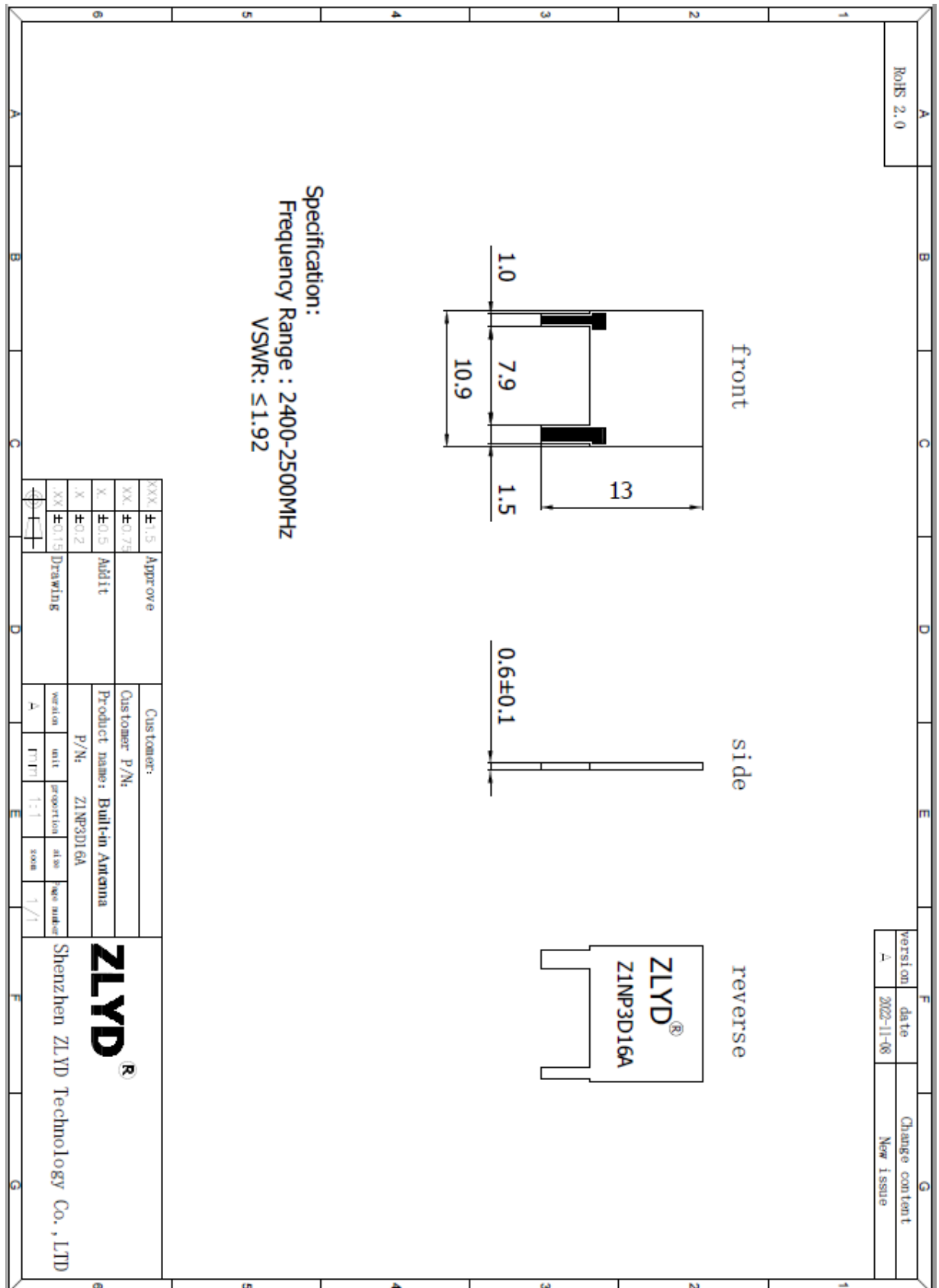
version	date	Change record
A	2022-11-10	Initial release

二、Specification sheet

Product main technical parameters

Main technical specifications	
Frequency Range (MHZ)	2400~2500
Impedance(Ω)	50
Peak Gain(dBi)	3 $\pm$ 0.5
VSWR	$\leq$ 1.92
Polarization	Linear
Connector Type	DIP
Physical Properties	
Operating Temp	-20 $^{\circ}$ C~+70 $^{\circ}$ C
Storage Temp	-20 $^{\circ}$ C~+60 $^{\circ}$ C

11、Finished drawing



Manufacturer: Shenzhen ZLYD Technology Co., Ltd

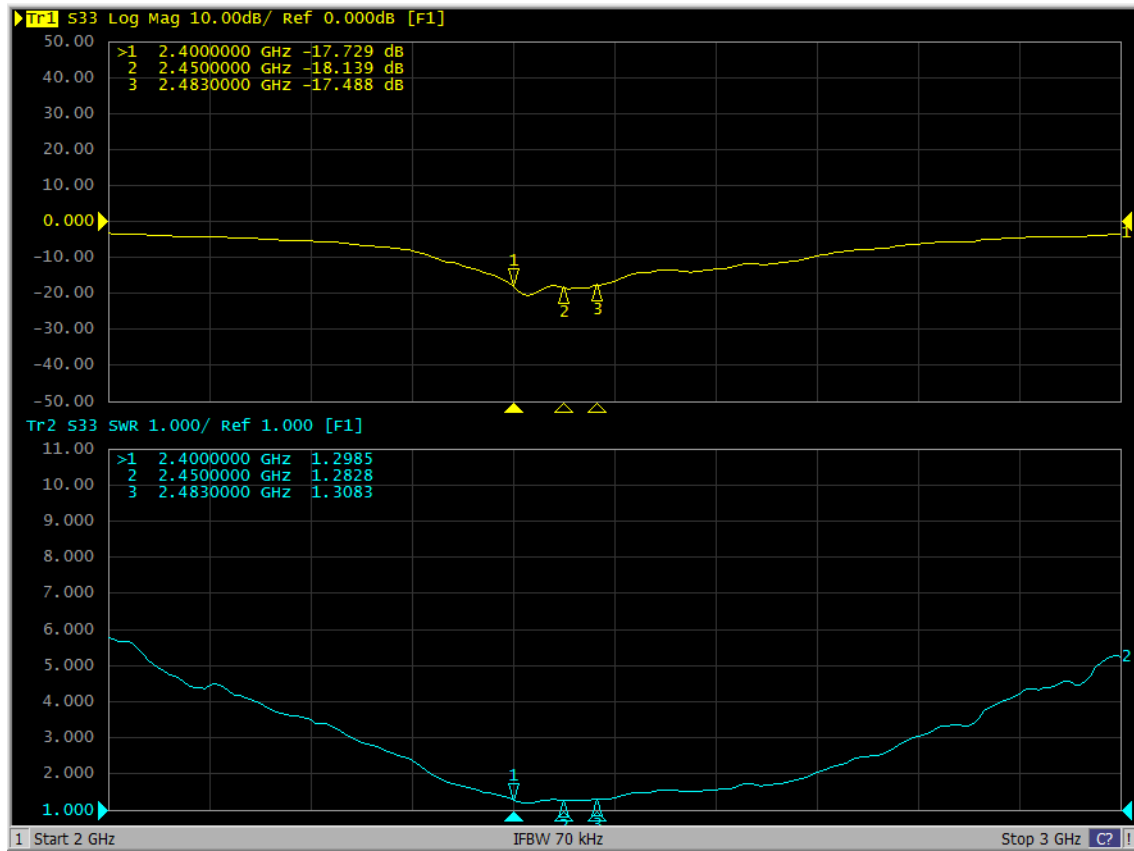
Add: Floor 5, Block 4, Daxin Xinmei Industrial Park, No. 21, Gongchang Road, Guangming District, Shenzhen

Telephone: 0755-29890211

E-mail: ZLYD88888@163.com

四、 Test report

4.1: Network analyzer test report



4.2: Antenna gain and efficiency

Frequency (MHZ)	Peak gain (dBi)	Efficiency (%)
2400	2.65	56.61
2450	3.03	61.27
2500	2.85	58.38

Manufacturer: Shenzhen ZLYD Technology Co., Ltd

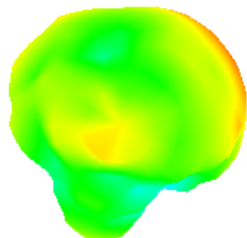
Add: Floor 5, Block 4, Daxin Xinmei Industrial Park, No. 21, Gongchang Road, Guangming District, Shenzhen

Telephone: 0755-29890211

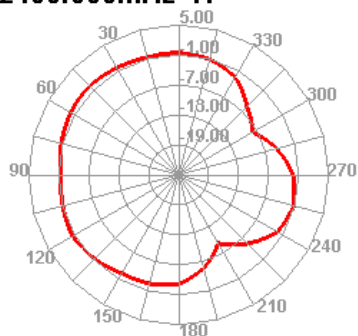
E-mail: ZLYD88888@163.com

4.3: Dark room 2D、3DRaditation Pattern

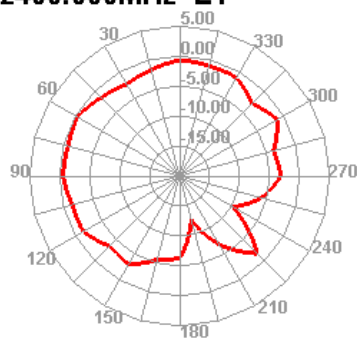
2400.000MHz



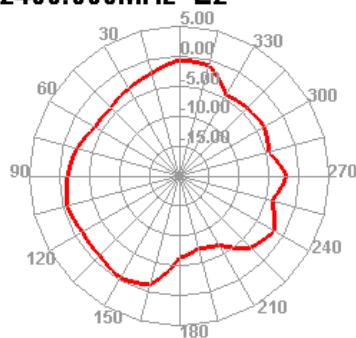
2400.000MHz H



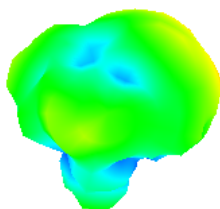
2400.000MHz E1



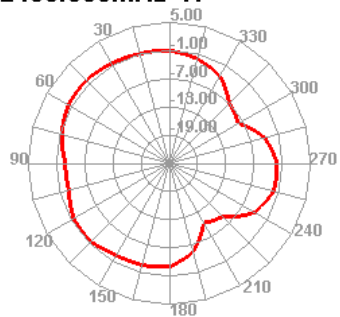
2400.000MHz E2



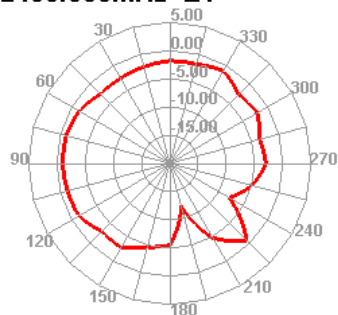
2450.000MHz



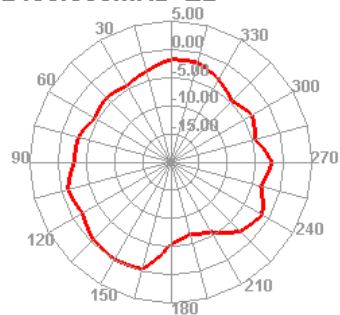
2450.000MHz H



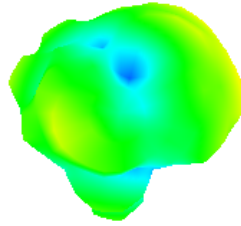
2450.000MHz E1



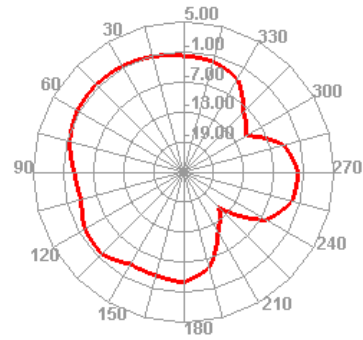
2450.000MHz E2



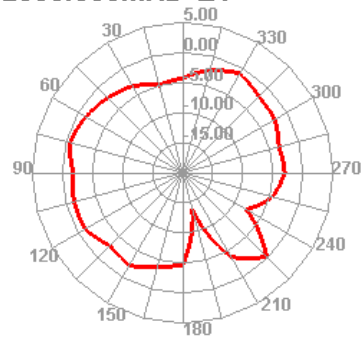
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

