

深圳市亿圣邦科技有限公司
样 品 承 认 书

SPECIFICATION FOR APPROVAL

Model: WIFI:SLK-MZY-B3DB-SMA

承 认 签 章					
供 应 商 承 认			梦之源科技集团有限公司		
工 程 师	审 核	批 准	工 程 师	审 核	批 准
刘才亮	黄 震	林美财			
盖章签署			盖章签署		
日 期	2025-3-6		日 期		
批示： ☐ 接受 ☐ 有条件接受					
备注（客户填写）：					

Shenzhen Yishengbang Technology Co., Ltd
101, Building C, Shenzhen Qianwan Hard Science and Technology Industrial
Park, Nanchang Community, Xixiang Street, Baoan District, Shenzhen
电 话：18025305599 电 话：18666299104

WIFI Antenna

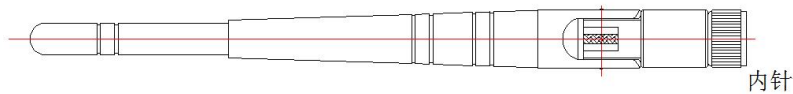
1. Explanation of Product number :

S L K - M Z Y - B 3 D B - S M A

1

2

3



Product Code:

(1) Customer:

MZY:梦之源

(2) Antenna Name:

B3DB: 黑色3DB双频 (WIFI Antenna 2.4-2.5+5.15-5.85GHz)

(3)Connector:

SMA: SMA 内孔

2. Features

- *Stable and reliable in performances
- *Compact size
- *RoHS compliance

3. Applications

- * IEEE802.11 (a/b/g/n)
- * Hand-held devices when WIFI (802.11a/b/g/n) functions are needed

4. Description

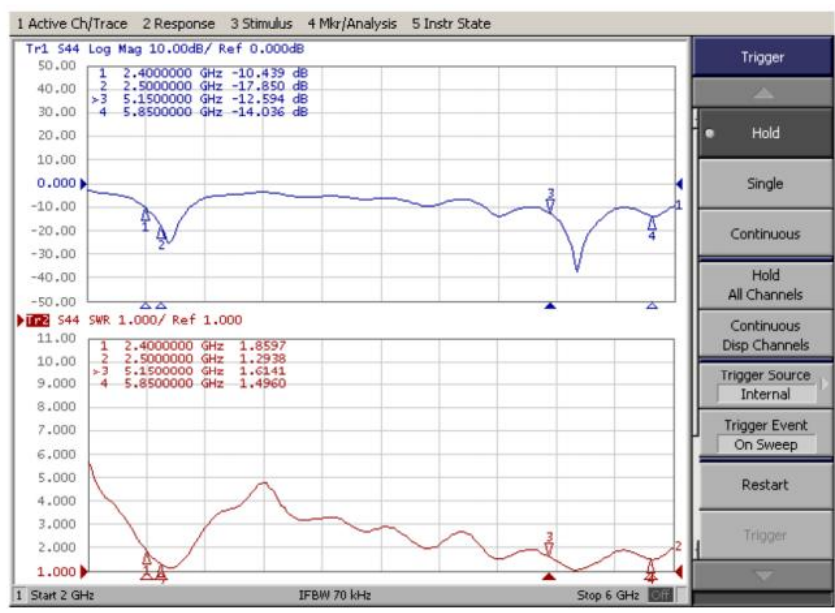
Holy bond's External antenna series are specially designed for WIFI (802.11 a/b/g/n) applications. Based on Holy bond's proprietary design and processes, this External antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

5. Electrical Specifications

5-1

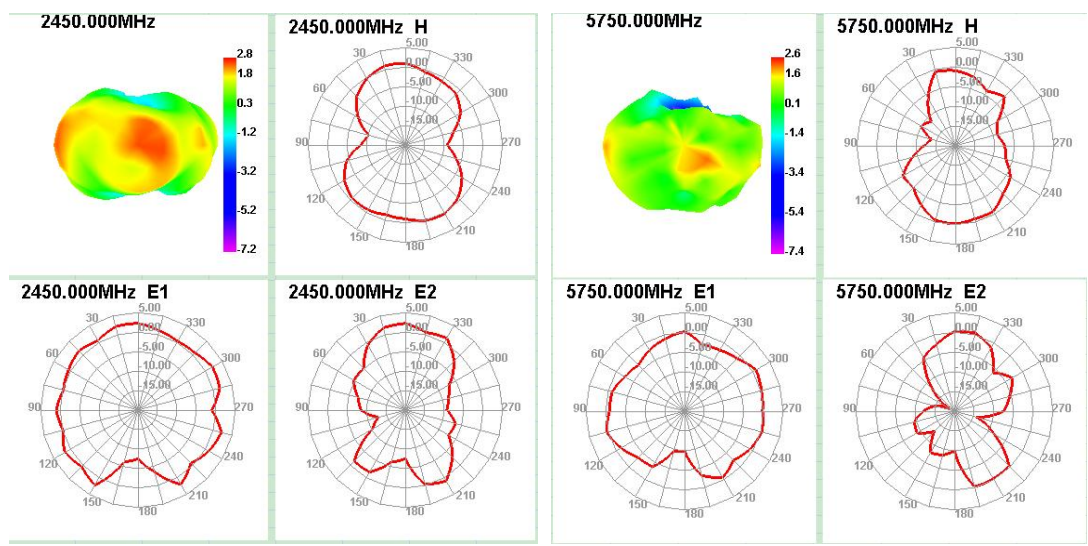
主要技术指标		Main technical specifications	
频率范围 (GHZ)	2.4-2.5+5.15-5.85	Frequency Range (GHZ)	2.4-2.5+5.15-5.85
特性阻抗(Ω)	50	Impedance(Ω)	50
输出电压 驻波比	≤ 2.0	VSWR	≤ 2.0
极化方式	垂直极化	Polarization	Linear, Vertical
方向性	全向性	Radiation	Omni-directional
连接方式	SMA 公针	Connector Type	SMA male needle
物理性能		Physical Properties	
天线外套材料	TPEE	Antenna cover	TPEE
工作温度	-20℃~+70℃	Operating Temp	-20℃~+70℃
保存温度	-20℃~+70℃	Storage Temp	-20℃~+70℃

5-2 VSWR



5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	5150	5350	5500	5650	5850
Efficiency (dBi)	-2.86	-2.72	-2.72	-2.65	-2.88	-2.88	-2.72	-2.99	-2.90	-3.06	-3.16	-3.62	-3.52	-3.74	-3.65	-3.96
Gain (dBi)	1.10	1.13	1.39	1.48	2.00	1.12	1.09	1.21	1.20	1.03	1.09	1.24	1.33	1.69	1.75	2.00
Efficiency (%)	51.81	53.50	53.49	54.33	51.53	51.53	53.45	50.26	51.27	49.44	48.31	43.44	44.42	42.27	43.10	40.16



6. Antenna Dimensions (unit: mm)

