

Shenzhen Yishengbang Technology Co., LTD
Sample acceptance letter
SPECIFICATION FOR APPROVAL

Company name: Shenzhen Miaoming Intelligent Technology Co., LTD

Antenna type: External Antenna

Specification and model: _____

Date of acceptance: _____

Supplier name: Shenzhen Yishengbang Technology Co., LTD

Supplier name: WIFI: SLK-MM-B2DB-SMA

Admit signature

For acceptance by the contractor			Shenzhen Miaoming Intelligent Technology Co., LTD		
Rf Engineer	audit	approval	Rf Engineer	audit	approval
Shi Lian Chen	Zhen Huang	Mei Cai Lin			
Signed and sealed			Signed and sealed		
date		2025-7-25	date		
instructions: ☐ accept ☐ Conditional acceptance					
note:					

Supplier name: Shenzhen Yishengbang Technology Co., LTD

Supplier address: 101, Building C, Shenzhen Qianwan Hard Technology Industrial Park, Baoan District, Shenzhen

Tel: 18025305599

Tel: 18666299104

WIFI Antenna

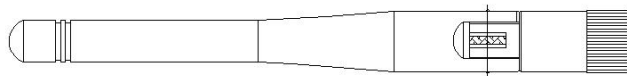
1. Explanation of Product number :

S L K - M M - B 2 D B - S M A

1

2

3



Male
needle

Product Code:

(1) Customer:

MM: My dear

(2) Antenna Name:

B2DB: Black 2DB dual-band (WIFI Antenna 2.4-2.5+5.15-5.85GHz)

(3)Connector:

SMA: SMA's official pin

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

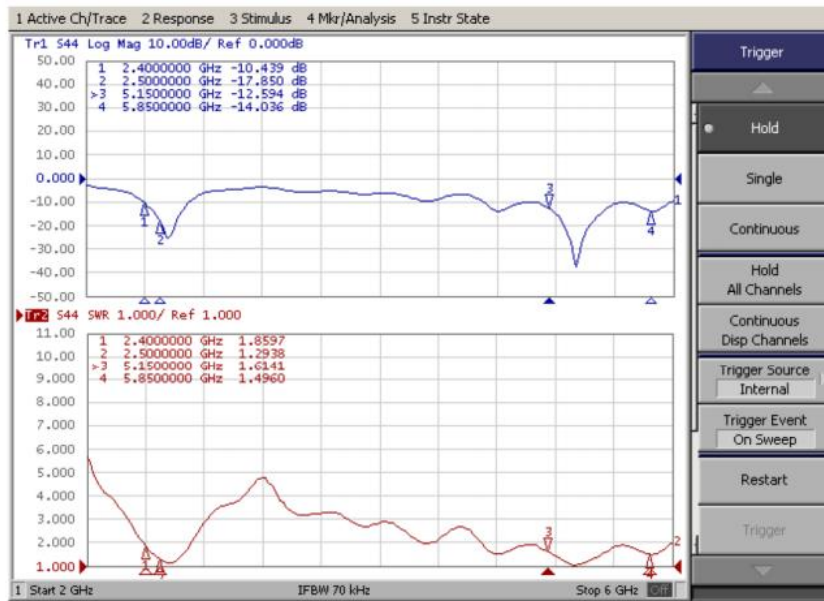
Holy bond' s External antenna series are specially designed for WIFI (802.11 a/b/g/n) applications. Based on Holy bond' s proprietary design and processes, this External antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

5. Electrical Specifications

5-1

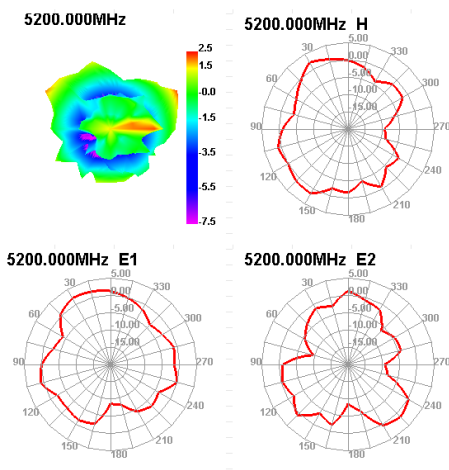
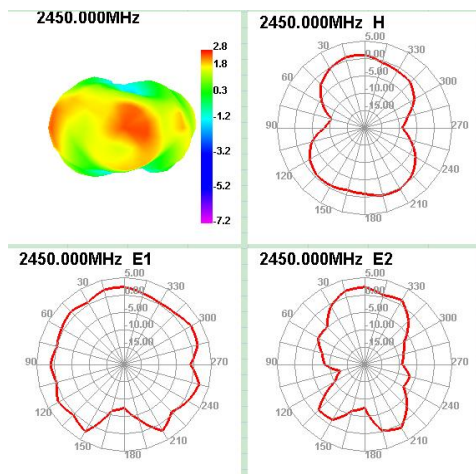
Main technical specifications	
Frequency Range (GHZ)	2.4-2.5+5.15-5.85
Impedance(Ω)	50
VSWR	≤ 2.0
Polarization	Linear, Vertical
Radiation	Omni-directional
Connector Type	SMA male needle
Physical Properties	
Antenna cover	TPEE
Operating Temp	-20°C~+70°C
Storage Temp	-20°C~+70°C

5-2 VSWR

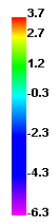
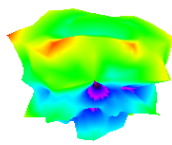


5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

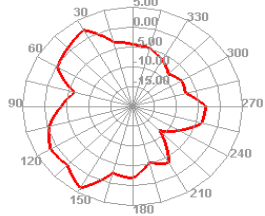
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	80.82	-0.93	3.01
2410	77.81	-1.09	3.02
2420	76.39	-1.17	2.63
2430	76.95	-1.14	2.74
2440	73.95	-1.31	2.53
2450	76.29	-1.18	2.69
2460	79.16	-1.02	2.76
2470	75.5	-1.22	2.39
2480	74.98	-1.25	2.33
2490	76.04	-1.19	2.61
2500	76.99	-1.14	2.76
5150	72.37	-1.4	2.31
5200	64.82	-1.88	2.46
5350	49.47	-3.06	1.57
5550	52.03	-2.84	1.5
5600	58.11	-2.17	3.71
5750	53.67	-2.7	2.64
5850	55.02	-2.59	3.03



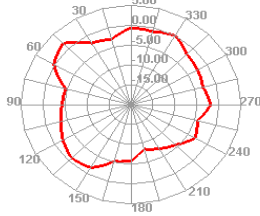
5600.000MHz



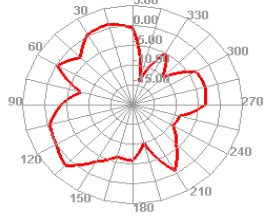
5600.000MHz H



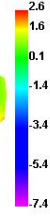
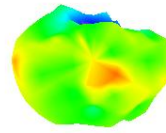
5600.000MHz E1



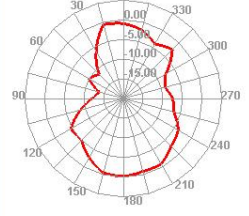
5600.000MHz E2



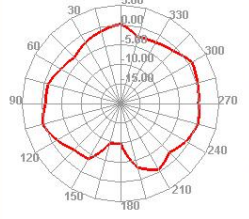
5750.000MHz



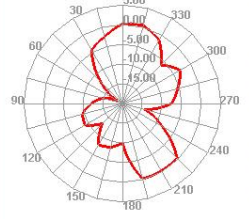
5750.000MHz H



5750.000MHz E1



5750.000MHz E2

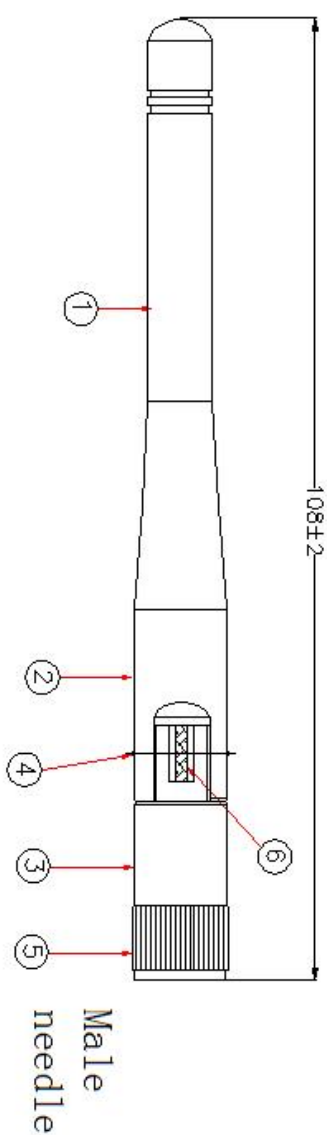


6. Antenna Dimensions (unit: mm)

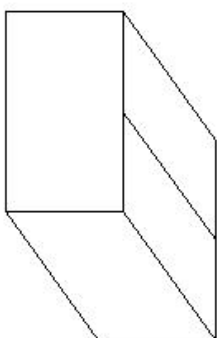
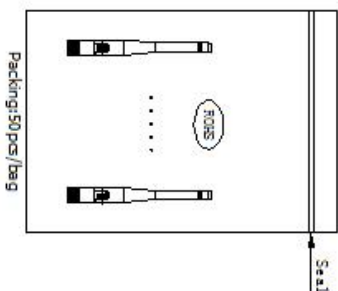
RoHS
Compatible

CUSTOMER	Specotech Wireless Intelligent Technology Co., LTD
PART NO	SLK-NSD-B2D2-M1T-SMA

REV.	Review the interior	Review on time
A	New version release	2025/07/25

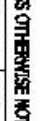


Specification:
Frequency Range: 2.4GHz~2.5GHz+5.15GHz~5.85GHz
Return Loss: -9.5dB or less
VSWR: 2.0 Max



1. A 1 piece / ROHS label should be affixed to the outer box label
2. A 1 piece/outer box label should be affixed to the upper right corner of the side microphone of the outer box

6	Cable	RG-178 Cable, Transparency Brown, 502	1	
5	Connector	SMA Straight Plug Reverse for RG-178	1	
4	Rivet	PBT+PC,Color:Black	2	
3	Bottom Base	PBT+PC,Color:Black	1	
2	Upper Base	PBT+PC,Color:Black	1	
1	Antenna Cap	TPPE,Color:Black	1	

TITLE		2DB(SMA)天线	
P/N:			
CUSTOMER:			
DRAW NO.:			
DIMENSIONS TOLERANCES UNLESS OTHERWISE NOTED			
TOLERANCE			
XXX ±0.05		XX ±0.3	
XX ±0.1			
■ ±0.2			
X ±0.5			
SHEET: 1/1		SCALE: 1:1	
UNIT: mm		REV: B	