

Antenna Specification

Supplier name: JIADE WIRELESS

Material name: WIFI-R-2 Antenna

Specification and model: SLK-VB20WIFIR1-R-102I-W

Product Description: 2.4G&5G FPC Cable 123MM White

Acknowledgment Version: A0 2025-07-04

PROITAV Material code:

Drawing version No: A0

Customer Signature

Supplier Signature

Quality
Department

R&D

Safety
regulations

Approval

Formulate

数字签名者: 唐宏利
日期: 2025.07.05
10:51:14 +08'00'

Lei. Zhang

Qiang. Wang

JIADE WIRELESS TECHNOLOGY (SHENZHEN) CO.,LTD

ADD: 601-602, North Building, Cangsong Building, Tairan 6th Road, Futian District, Shenzhen

TEL: 0755-3335 3180

Mobile: 135 9015 6632

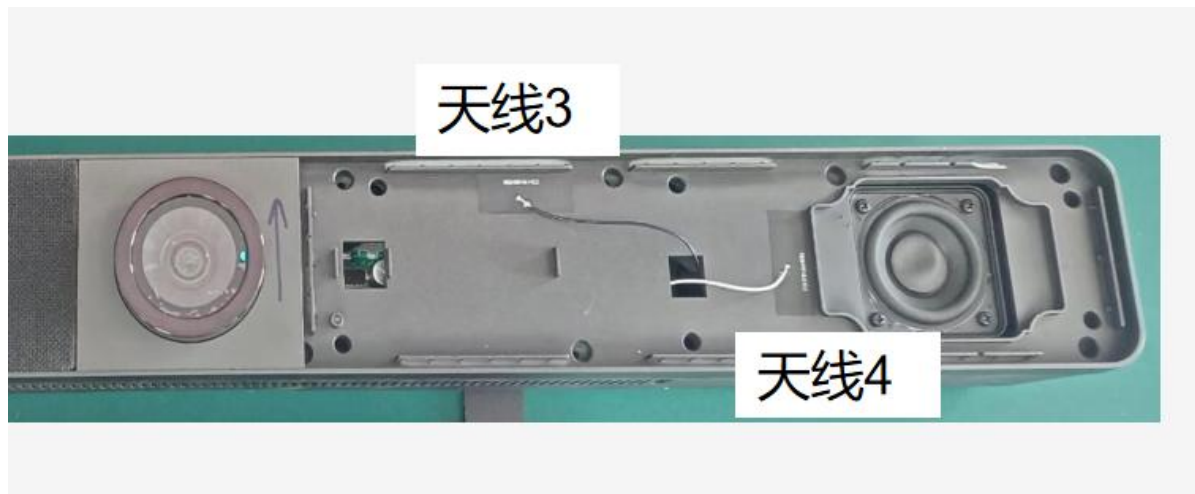
Catalogue

<i>Item</i>	<i>Description</i>
一、-----	Specification sheet
二、-----	Antenna Map
三、-----	Test Date
四、-----	Structural drawing

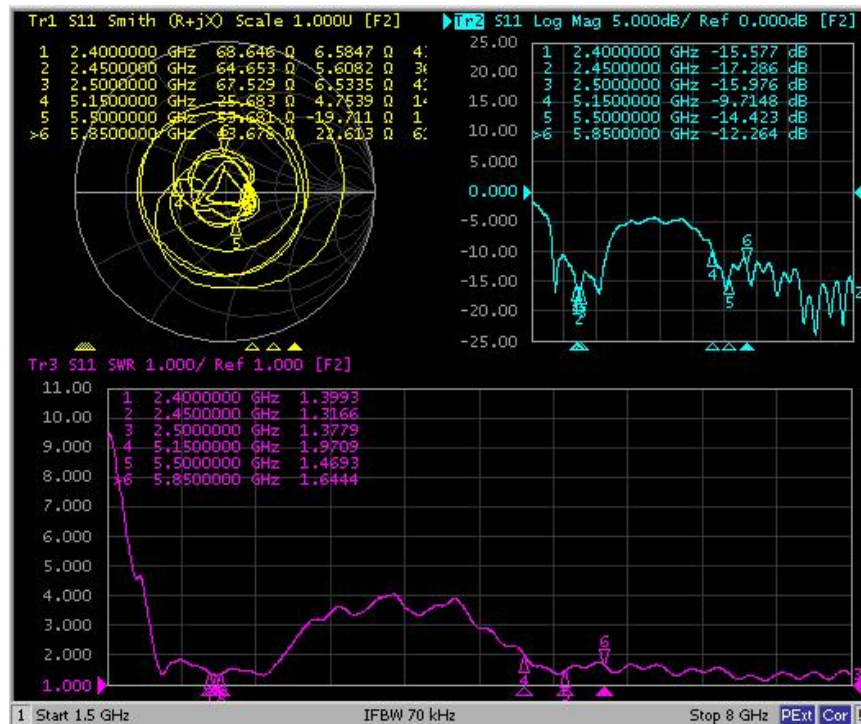
一、Specification sheet:

电性能指标 Main Electrical Specifications	
频率范围 Frequency Range (MHz)	2400~2500,5150~5850
频宽 Bandwidth (MHz)	2000~6000
输入阻抗 Input Impedence (Ω)	50 ± 5
电压驻波比 V.S.W.R	≤ 3.0
增益 Gain (dBi)	2.92
极化形式 Polarization Type	Vertical & Horizontal
最大功率 Max Power Capacity (w)	10
机械指标 Mechanical Specifications	
材料 Material	FPC+Cable
辐射方向 Radiation Direction	Omnidirectional
工作温度 Working Temp($^{\circ}\text{C}$)	-40~85 $^{\circ}\text{C}$
储存温度 Storage Temperature($^{\circ}\text{C}$)	-40~85 $^{\circ}\text{C}$
固定方式 Mounting	Welding

二、Antenna Map:



三、Test Date:



Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	57.06	-2.44	1.41	5150	46.26	-3.35	2.41
2410	56.73	-2.46	1.42	5250	46.51	-3.32	2.46
2420	56.64	-2.47	1.45	5350	46.88	-3.29	2.53
2430	55.96	-2.52	1.52	5450	47.28	-3.25	2.68
2440	57.03	-2.44	1.73	5550	46.7	-3.31	2.46
2450	55.94	-2.52	1.87	5650	46.05	-3.27	2.41
2460	56.15	-2.51	2.02	5750	45.97	-3.28	2.4
2470	56.44	-2.48	2.23	5850	45.39	-3.27	2.38
2480	55.83	-2.53	2.39				
2490	55.9	-2.53	2.6				
2500	55.13	-2.59	2.92				

四、Structural Drawing:

