

Antenna Specification

Supplier name: JIADE WIRELESS

Material name: WIFI Antenna

Specification and model: SLK-WF2-R-100I-B

Product Description: 2.4G&5G FPC Cable 100MM Black

Acknowledgment Version: A2 2022-06-20

PROITAV Material code: J.03.01WF2R1000

Drawing version No: A2 : FPCSize reduction:1MM

Customer Signature			Supplier Signature	
Quality Department	R&D	Safety regulations	Approval	Formulate
			Lei. Zhang	Qiang. Wang

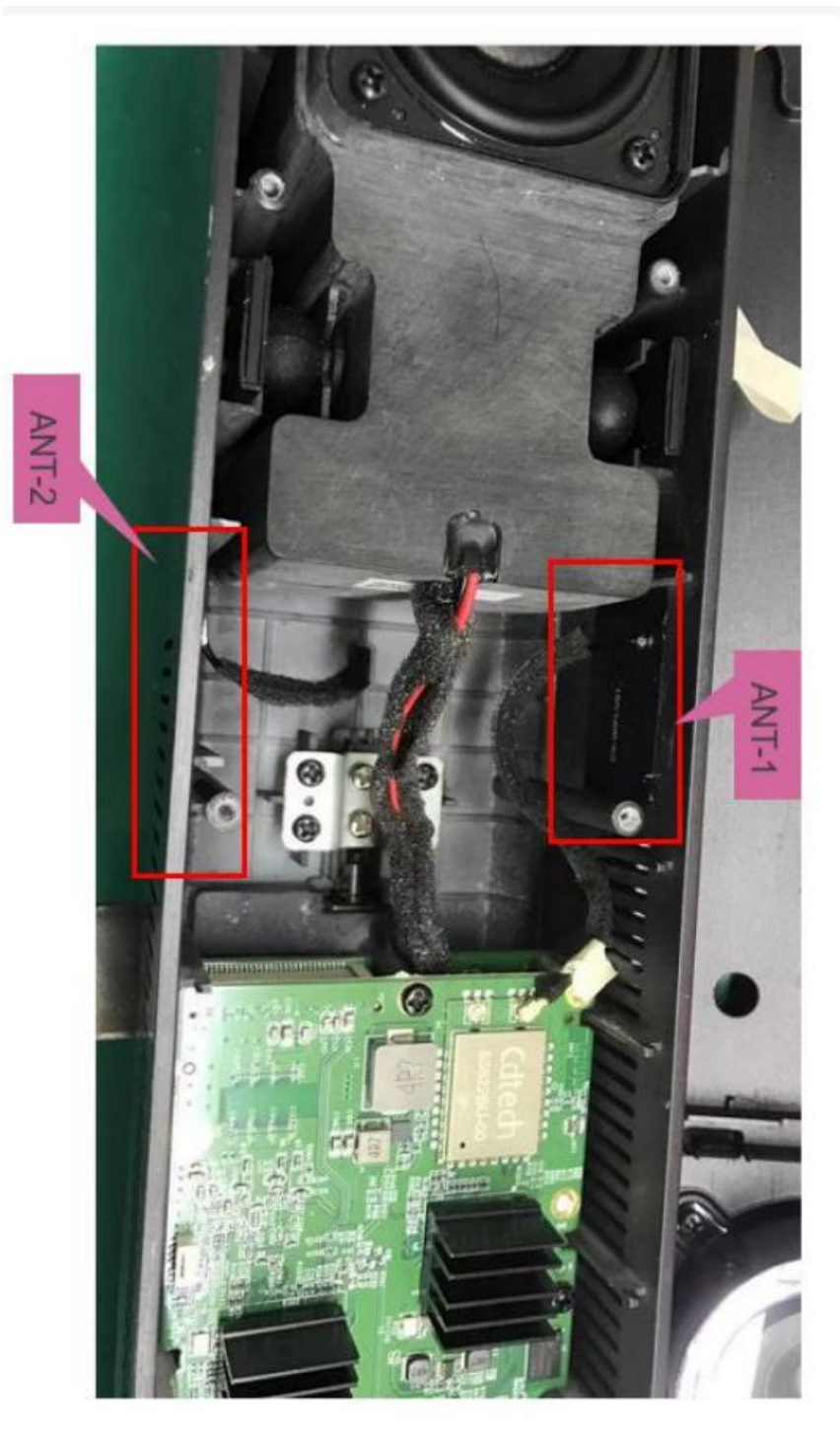
Catalogue

<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 \pm 5
电压驻波比 V.S.W.R	\leq 3.0
增益 Gain (dBi)	3.17
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($^{\circ}$ C)	-40~85 $^{\circ}$ C
储存温度 Storage Temperature($^{\circ}$ C)	-40~85 $^{\circ}$ C
固定方式 Mounting	Welding

二、Antenna Map:



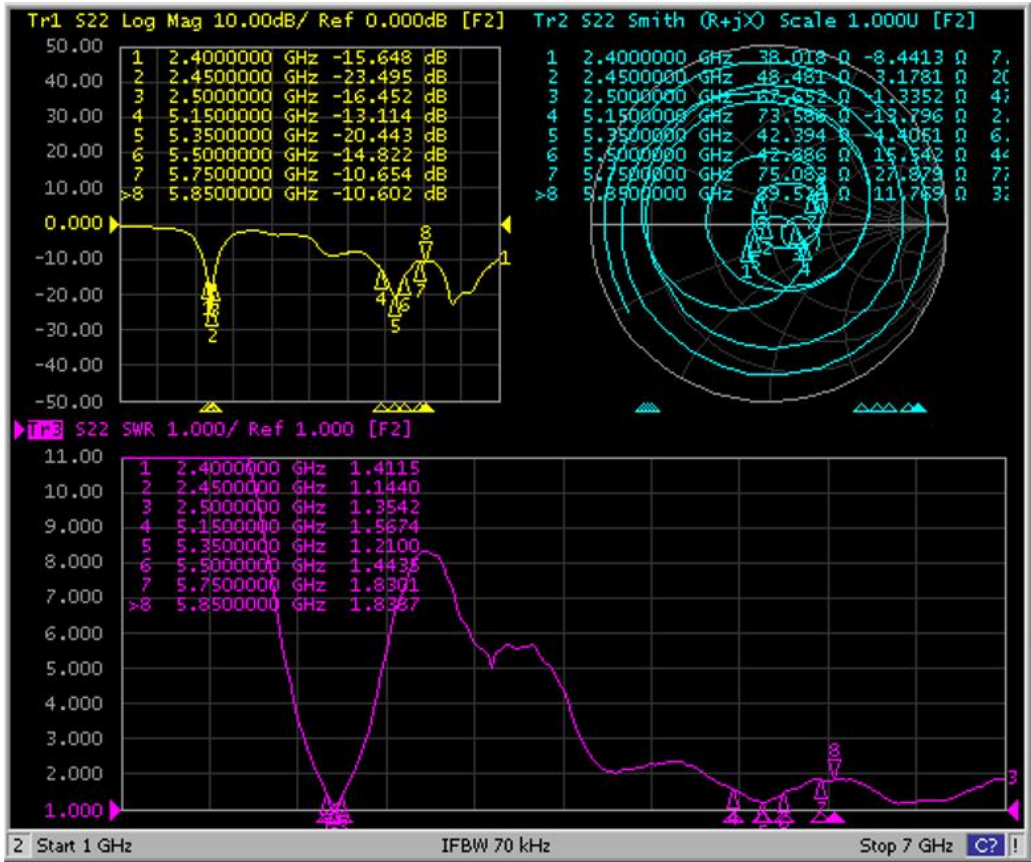
JIADE WIRELESS TECHNOLOGY (SHENZHEN) CO.,LTD

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

TEL:0755-3335 3180

Mobile: 135 9015 6632

三、Test Date:



ANT-2		
Freq (MHz)	Effi (%)	Gain (dBi)
2400	50.70	1.08
2450	55.05	1.25
2500	51.02	0.95
5150	50.93	0.78
5350	50.92	1.84
5500	53.95	2.16
5750	51.72	2.79
5850	54.34	3.17

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四、Structural Drawing:

