

Antenna Specification

Supplier name: JIADE WIRELESS

Material name: WIFI Antenna

Specification and model: SLK-WF1-R-100I-B

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

Acknowledgment Version: A2 2022-06-20

PROITAV Material code: J.03.01WF1R1000

Drawing version No: A2 : FPC Size reduction :1MM

Customer Signature

Supplier Signature

Quality
Department

R&D

Safety
regulations

Approval

Formulate

Lei. Zhang Qiang. Wang

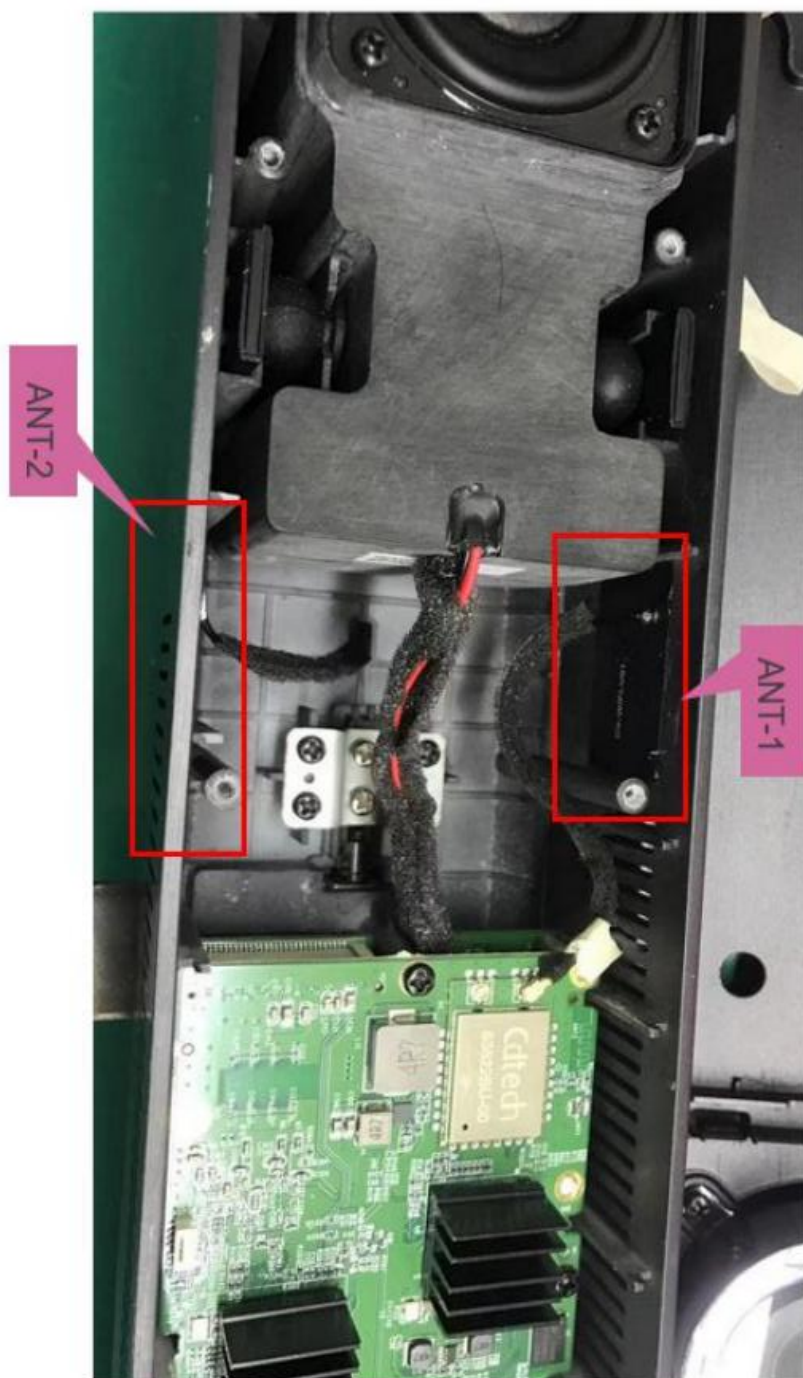
Catalogue

<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 ± 5
电压驻波比 V.S.W.R	≤ 3.0
增益 Gain (dBi)	3.95
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:



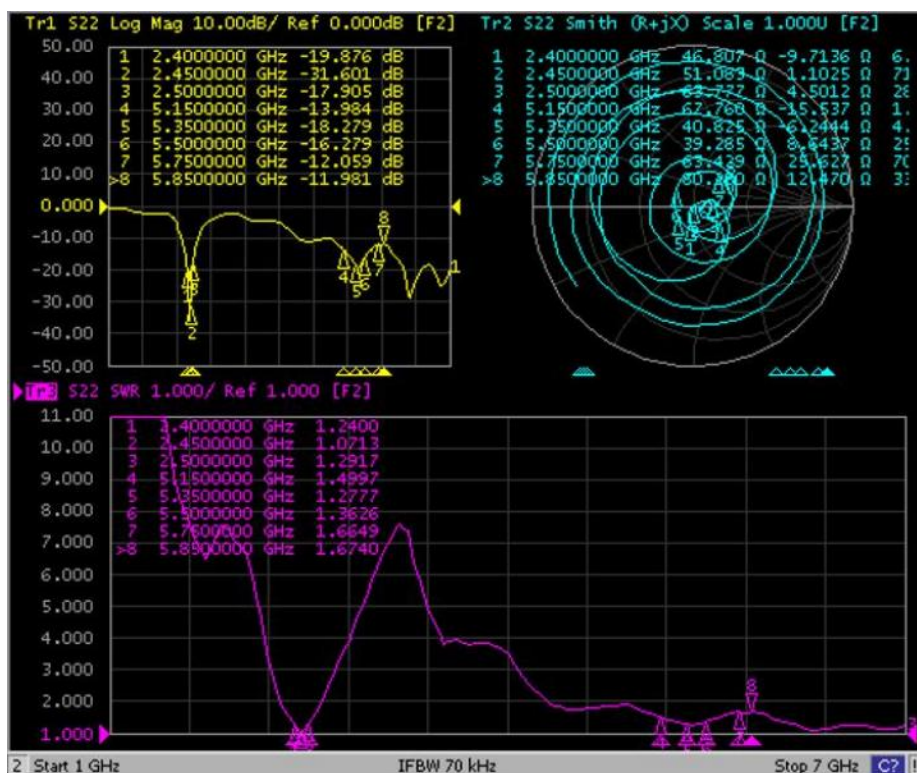
JIADE WIRELESS TECHNOLOGY (SHENZHEN) CO.,LTD

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-1		
Freq (MHz)	Effi (%)	Gain (dBi)
2400	51.47	1.12
2450	59.93	2.13
2500	55.71	2.88
5150	50.17	2.34
5350	54.29	3.95
5500	58.06	3.86
5750	56.89	3.12
5850	57.44	3.45

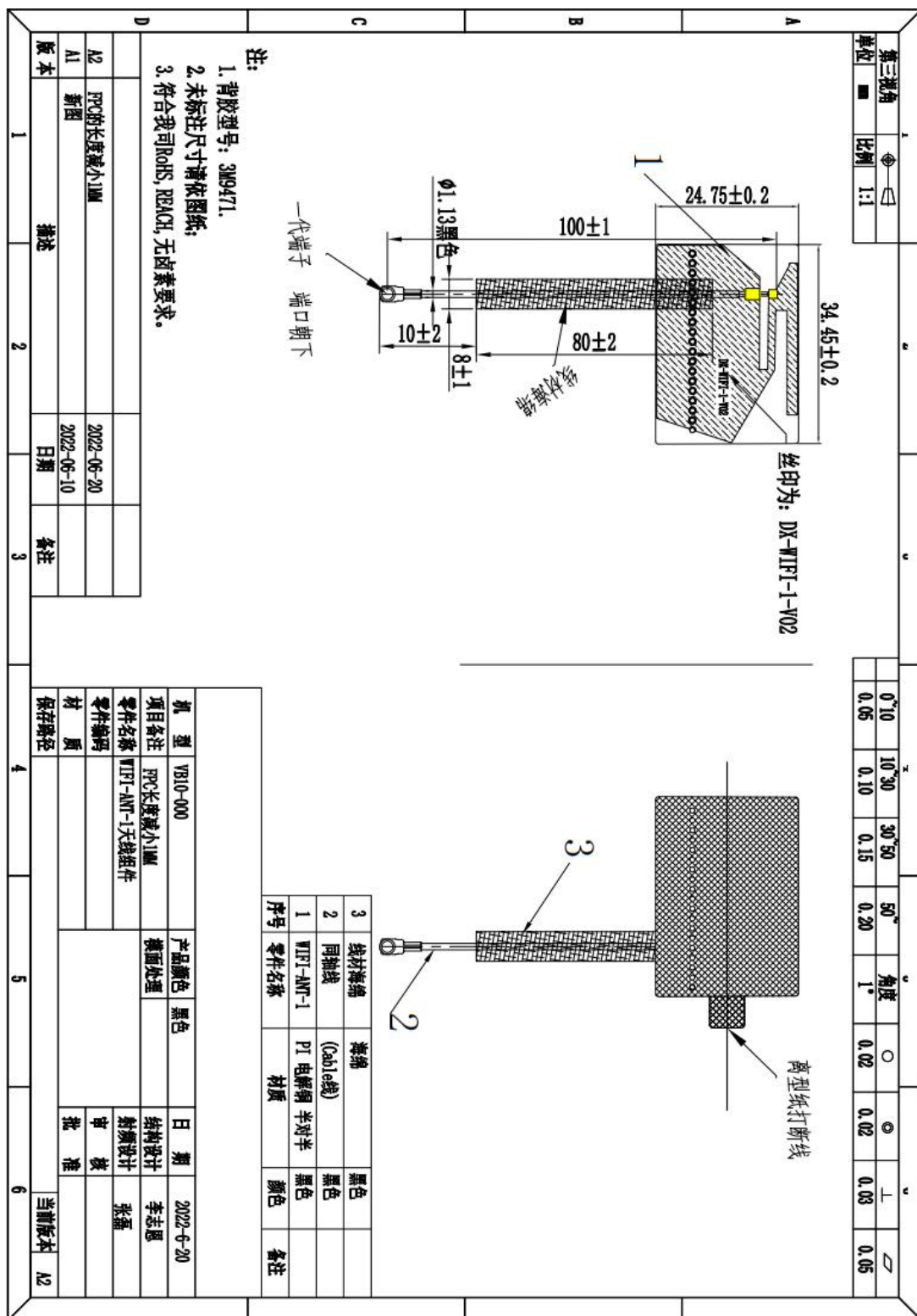
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四、Structural Drawing:



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