



Shenzhen Lejin radio frequency technology Co., LTD

SPECIFICATIONS FOR APPROVAL

The specification data is the sample antenna data. Due to factors such as the product not being glued to the shell, there may be differences between the trial production machine and the specification data. However, after correction with the trial production machine, the data can remain consistent with the specification data

Antenna manufacturer: Shenzhen Lejin radio frequency technology Co., LTD

Company Address: 3rd Floor, Building A4, No. 176 Chongqing Road, Fuhai Street, Bao'an District, Shenzhen, Guangdong Province. (Phone number: 13603098741)

Customer Name: AILAIKA 艾莱卡

Product Name: JF01-251112003-R0A

Product Model: TX10

Part Number:

Write By : Siqi Peng

Issued Date: 2026/4/30

CUSTOMER

ENGINEER R&D DEPT	BUSSINESS DEPT	APPROVED BY	DATE	Edition/Part number

LEJIN

R&D DEPT	ENGINEER R&D DEPT	APPROVAL	DATE	Edition/Part number
				Siqi_P

数字签名者: Siqi_P
DN: cn=Siqi_P, o=LeJin_RF,
ou=R&D,
email=3141953237@qq.com, c=<无
日期: 2026.04.30 17:35:41 +08'00'

ECN/ECR			



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Electrical Characteristics

Frequency	VSWR	Efficiency	Impedance	Polarization	Gain
2400 MHz ~2500 MHz	<1.5	>35%	50 Ohm	Linear	≥ 0 DB

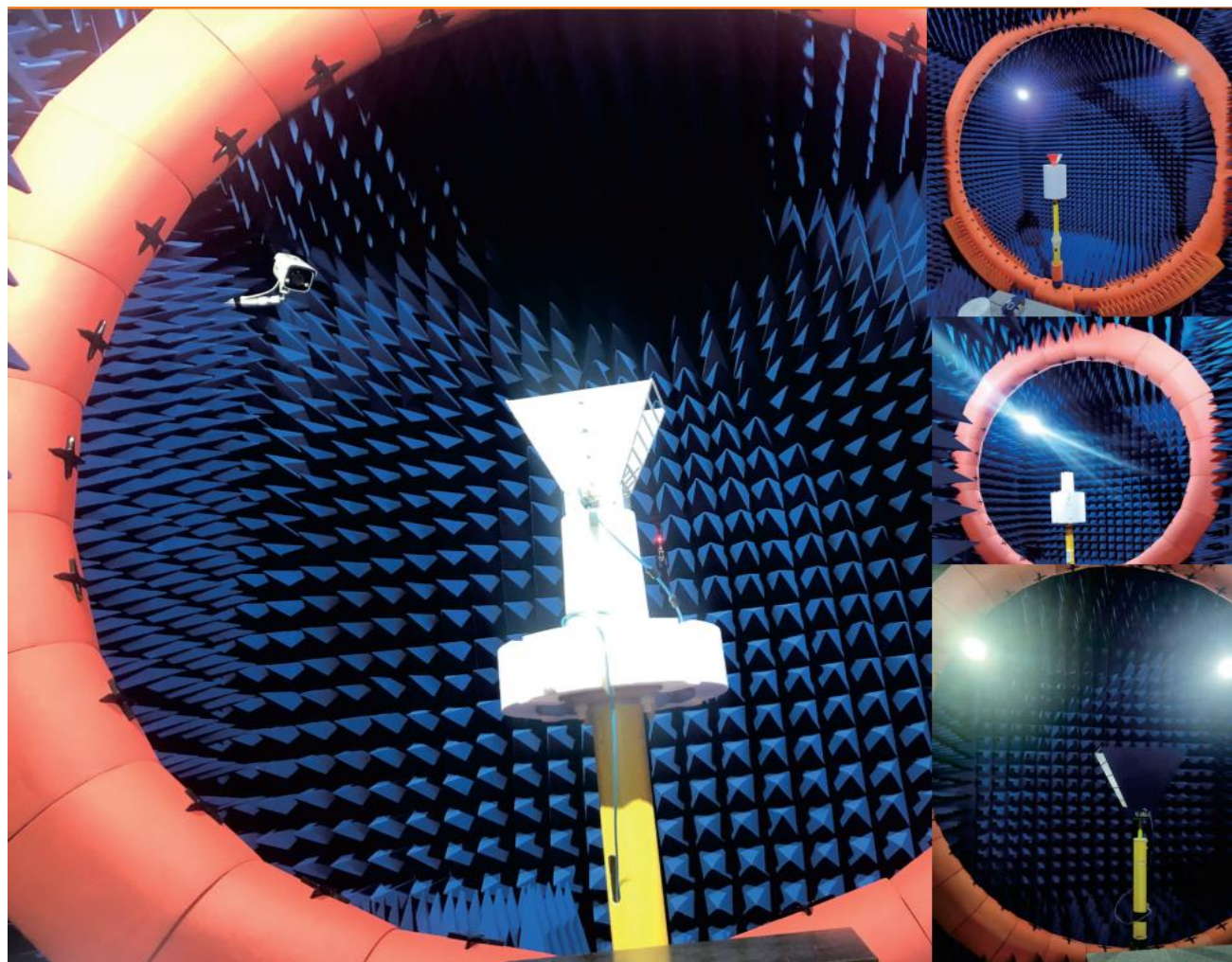
Material & Mechanical Characteristics

Environmental

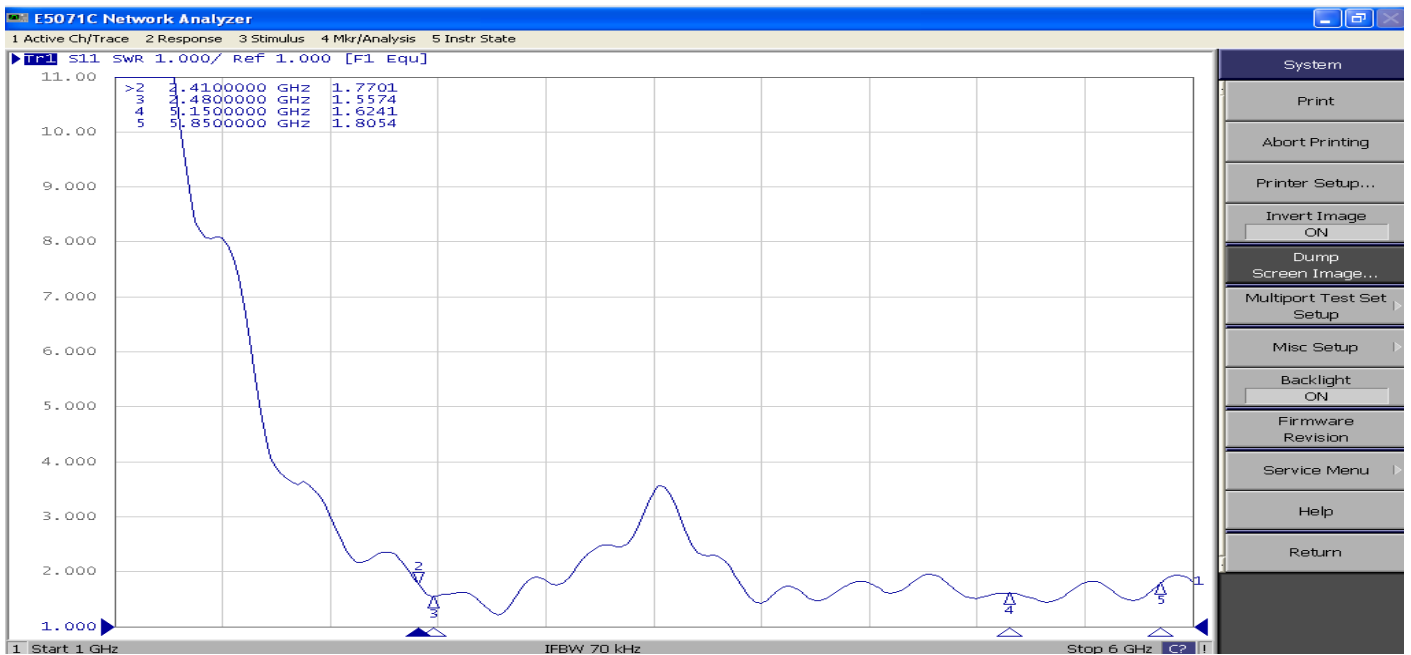
Material of Radiator	Cable Type	Connector Type	Dimension	Operation Temperature	Storage Temperature
BL	113B-50	1.13-1		- 20 °C ~ + 50 °C	- 30 °C ~ + 80 °C

Test Equipment & Conditions

1. Network Analyzers :Agilent 5071C
2. Communications Test Set:Agilent E5515C/CMW500/AT8826
3. 3D Chamber Test System(ETS743)/STM23+1

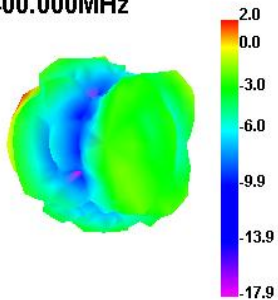


Antenna Impedance: WIFI ANT M:

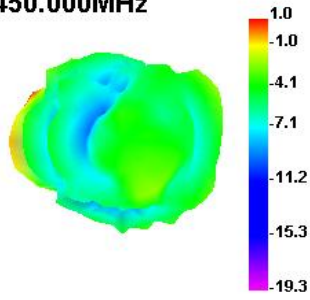


2.4G (Wifi/BT)	Freq (MHz)	2400	2410	2420	2430	2450	2460	2470	2480	2490	2500	ANTM
	Effi (%)	38.45	38.1	37.06	35.77	38.96	40.49	37.56	36.57	37.59	39.51	
	Gain (dBi)	2	2.13	1.89	1.57	1.02	1.11	0.97	0.99	2.35	2.74	

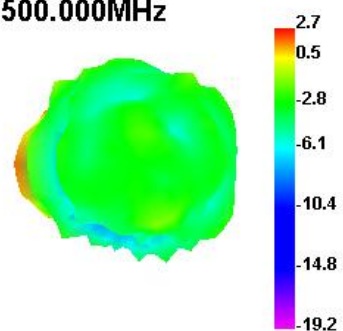
2400.000MHz

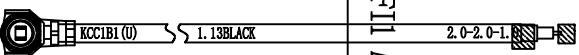
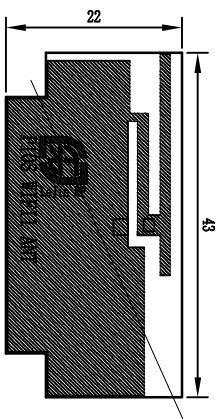
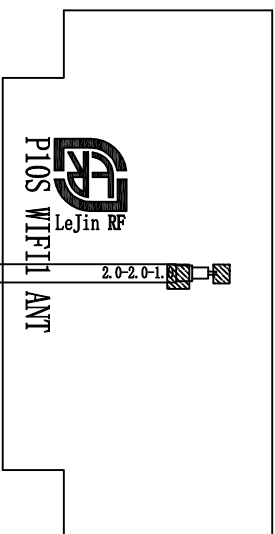
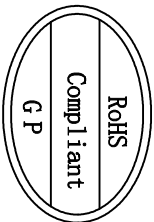


2450.000MHz



2500.000MHz





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