



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:	AILAICA艾莱卡
Product Name:	LJ01-17091602-R0A
Product Model:	IP11B-M30 2.4G ANT
Describe:	弹片天线；洋白铜，长度19mm
Write By :	彭斯琪
Issued Date:	2026/6/22

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 Peng	数字签名者：Siqi Peng DN：cn=Siqi Peng, o, ou, email=dexibuporfe@foxmail.com, c=无 日期：2026.09.15 16:39:55 +08'00'	

ECN/ECR			



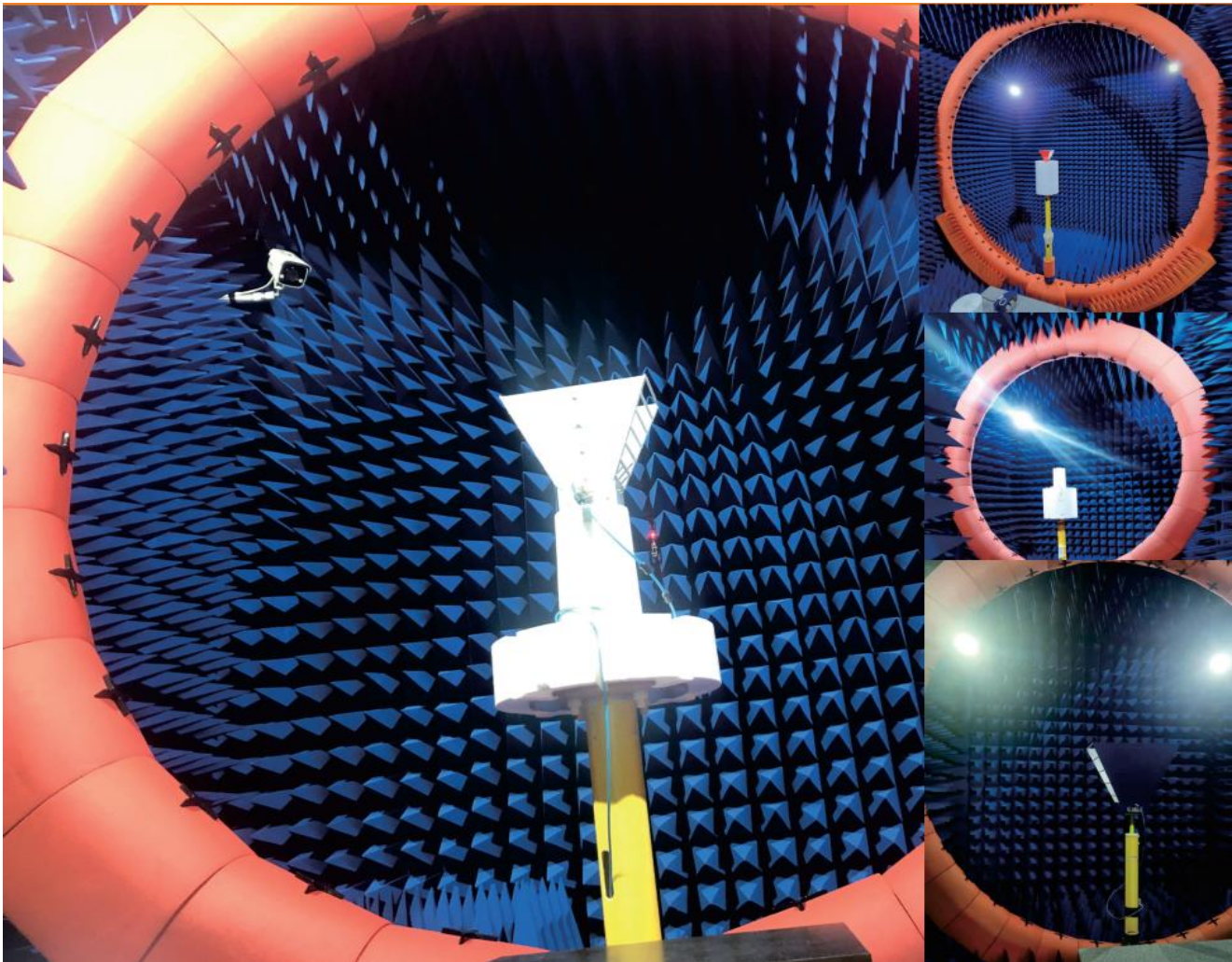
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Electrical Characteristics					
Frequency	VSWR	Efficiency	Impedance	Polarization	Gain
2400 MHz ~2500 MHz	<1.5	>20%	50 Ohm	Linear	≥0DB
Material & Mechanical Characteristics				Environmental	
Material of Radiator	Cable Type	Connector Type	Dimension	Operation Temperature	Storage Temperature
				- 20 °C ~ + 50 °C	- 30 °C ~ + 80 °C

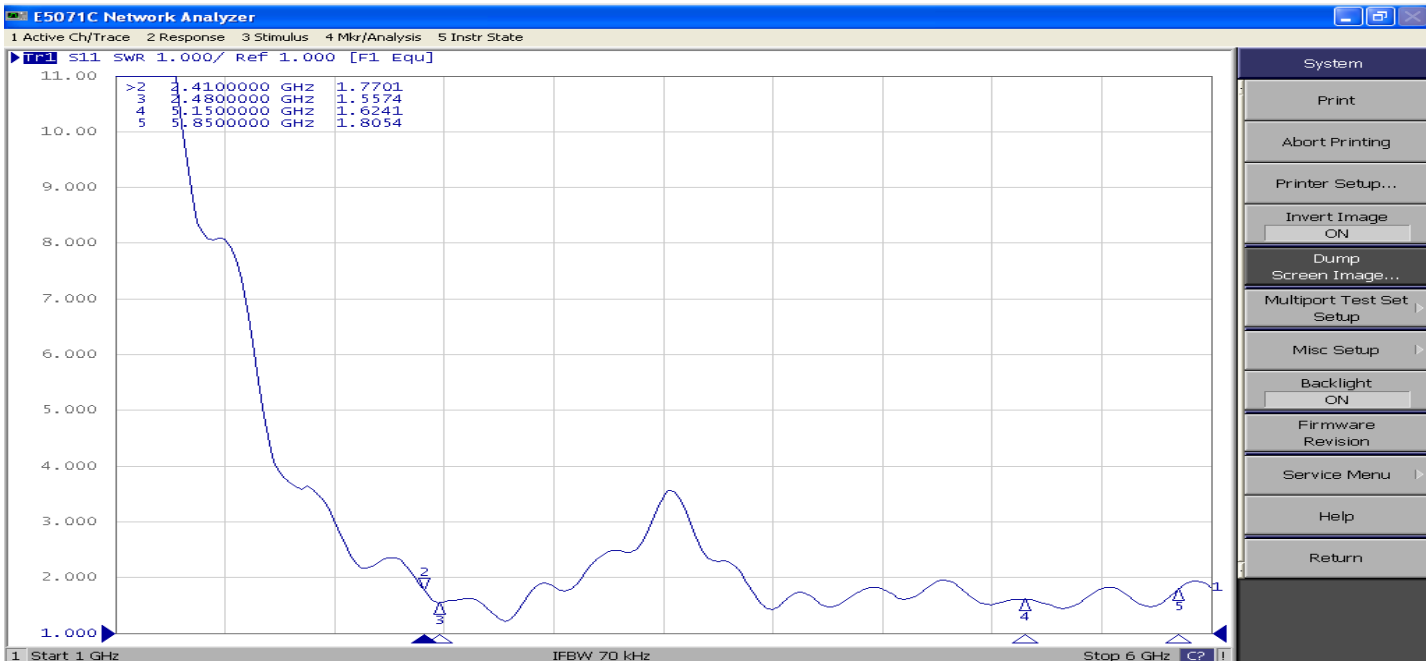
Test Equipment & Conditions

- 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:



WIFI Antenna Performance Table														
TRP /TIS(dBm)					TRP /TIS(dBm)					TRP /TIS(dBm)				
802.11 B	Channel No.	Freq. (MHz)	TRP (dBm)	TIS (dBm)	802.11 G	Channel No.	Freq. (MHz)	TRP (dBm)	TIS (dBm)	802.11 N	Channel No.	Freq. (MHz)	TRP (dBm)	TIS (dBm)
Tx_11M / Rx_11M	1	2412	14.46	-75.64	Tx_11M / Rx_11M	1	2412	13.05	-64.38	Tx_11M / Rx_11M	1	2412	12.99	-57.92
	6	2437	14.99	-76.09		6	2437	12.75	-65.72		6	2437	12.75	-59.50
	11	2462	14.00	-78.64		11	2462	12.54	-66.44		11	2462	12.56	-60.15

2.4G (Wifi/BT)	Freq	(MHz)	2400	2410	2420	2430	2450	2460	2470	2480	2490	2500	ANT A
	Effi	(%)	42.27	45.46	42.32	43.74	42.33	46.56	43.44	45.78	44.12	45.35	
	Gain	(dBi)	1.98	2.07	1.35	1.11	1.08	1.14	1.27	1.95	2.13	2.06	

