Shenzhen Jiuzhou Yunhai Technology Co., Ltd.



Customer Name:

SPECIFICATIONS FOR APPROVAL official version

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

Product Na	me:			WIFI 2.4G+5G_ MAIN_ANT							
Product Model: N5095 0+0 145											
Part Numb	er:			LJF01-230626001M-R1A							
Write By:				SiHeng Peng							
Issued Date	:			2	023	/7/21					
				CUSTOMI	ER						
ENGINEER R&	&D DEPT	BUSSINESS	DEPT	APPROVED	BY	DATE	Edition	n/Part	number		
				LEJIN							
R&D DE	ЕРТ	ENGINEER R&	&D DEPT	APPROVAI	L	DATE	Edition	n/Part	number		
ECN/ECR											



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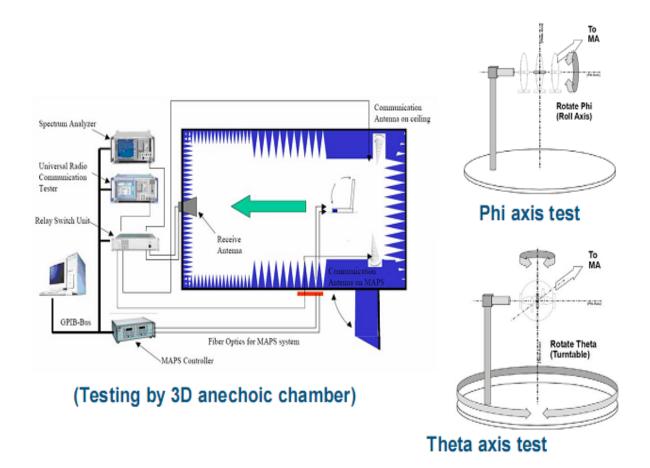
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Electrical Characteristics									
Frequency	VSWR		Efficienc	су	In	npedance	Polari	zation	Gain
2400 MHz ~2500 MHz	Hz <1.6		>35%		50 Ohm		Linear		≥2DB
5100MHZ5900 MHZ	MHZ <2.5		>35%		50 Ohm		Linear		≥3 DB
Material &	Material & Mechanical Characteristics Environmental						al		
Material of Radiator		ole pe	Connector Type	Dimension		Operatio Temperat		Storage Temperatur	
BLACK		13	IPX_4			- 20 °C ~ + 50 °C		- 30 °C ~ + 80 °C	

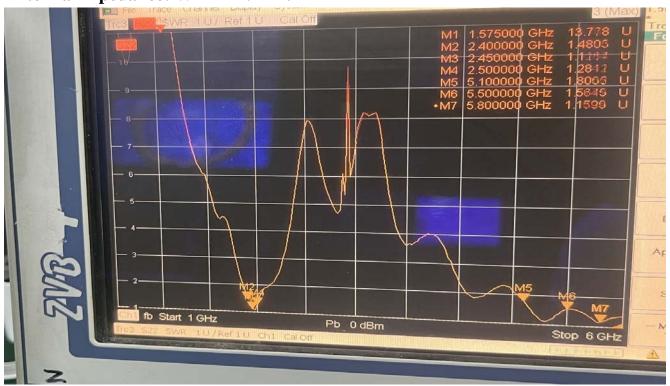
Test Equipment & Conditions

- 1. Network Analyzers : Agilent 8753SE 5071C
- 2. Communications Test Set:Agilent E5515C/CMW500
- 3. 3D Chamber Test System(ETS743)

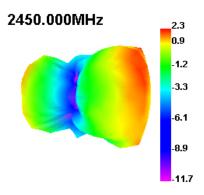


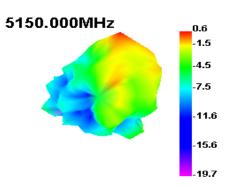


Antenna Impedance: WIFI ANT M:



	Freq	(MHz)	2400	2410	2420	2430	2450	2460	2470	2480	2490	2500	
2.4G (Wifi/BT)	Effi	(%)	36.2	37.4	38.8	35.2	36.7	35.4	35.1	36.5	38.2	38.9	
,	Gain	(dBi)	1.75	1.55	1.89	2.27	2.25	1.96	2.23	2.44	2.56	2.08	ANT
5G WIFI	Freq	(MHz)	5150	5250	5350	5450	5550	5650	5750	5850	5950	6000	М
	Effi	(%)	35.1	35.5	38.56	36.7	38.86	38.58	39.2	38.47	39.4	39.2	
	Gain	(dBi)	0.89	1.12	1.01	1.01	2.02	1.55	1.21	1.33	0.99	0.45	





OTD_DATA: (The following OTD_DATA was tested by assembling the antenna according to the requirements of this specification. If the antenna is replaced or the installation method of the antenna is changed, the following OTD_DATA will become invalid. During the test, the BT needs to be turned off and the system should set the module to a non sleep state.)

WIFI	802.11B 11MB				
2G	TRP(dB m)	TIS(dBm)			
CH1	11.03	-81.17			
CH6	11.07	-79.92			
CH11	11.65	-79.03			

WIFI	802.11G 54MB				
2G	TRP(dB	TIS(dB			
20	m)	m)			
CH1	9.07	-68.5			
CH6	11.67	-67.5			
CH11	9.22	-67.1			

WIFI	802.11A 54MB					
5G	TRP(dB	TIS(dB				
30	m)	m)				
CH36	10.58	-69.2				
CH149	10.1	-67.2				
CH161	10.99	-68.4				

WIFI	802.11AN MCS7					
5G	TRP(dB m)	TIS(dB m)				
CH36	9.5	-65.1				
CH149	10.7	-65.7				
CH161	11.19	-65.6				



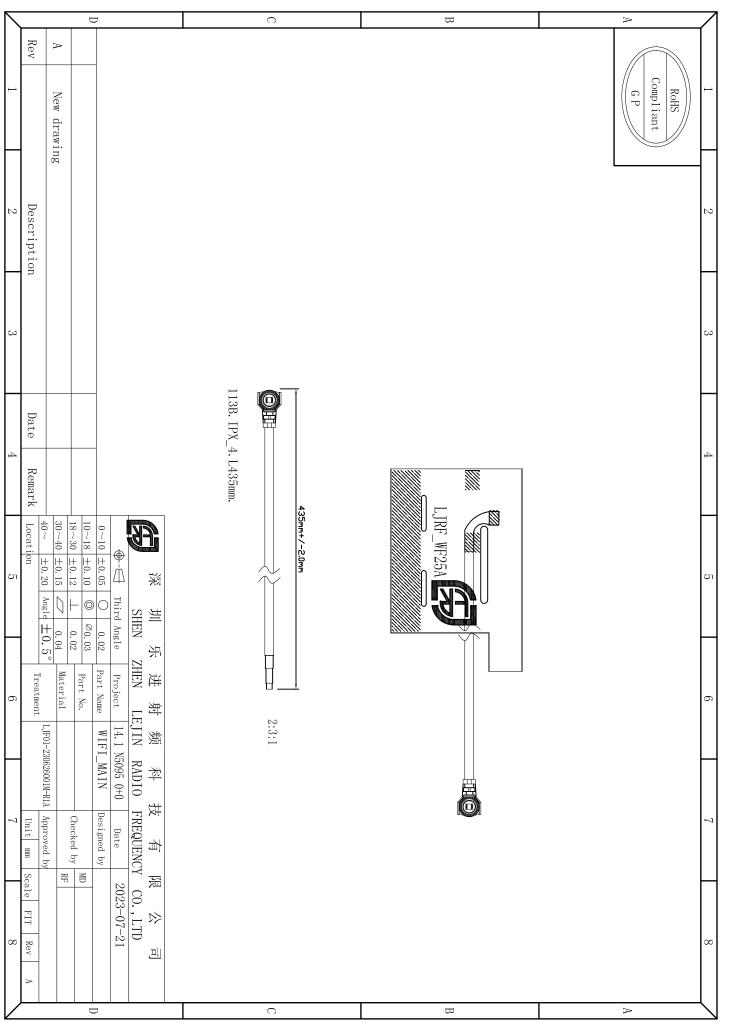
Post antenna







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