



SPECIFICATIONS FOR APPROVAL

Antenna manufacturer: Shenzhen Lejin radio frequency technology Co., LTD
<u>Company Address: 3rd Floor, Building A4, No. 176 Chongqing Road, Fuhai Street, Bao'an District, Shenzhen, Guangdong Province. (Phone number: 13603098741)</u>

Customer Name:	Shenzhen elinktek technology Co., LTD
Product Name:	4G /5G ANT
Product Model:	KH800
Part Number:	LJF02-240625002D-R0A
Write By :	Star Li
Issued Date:	2025/2/15

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

ECN/ECR			



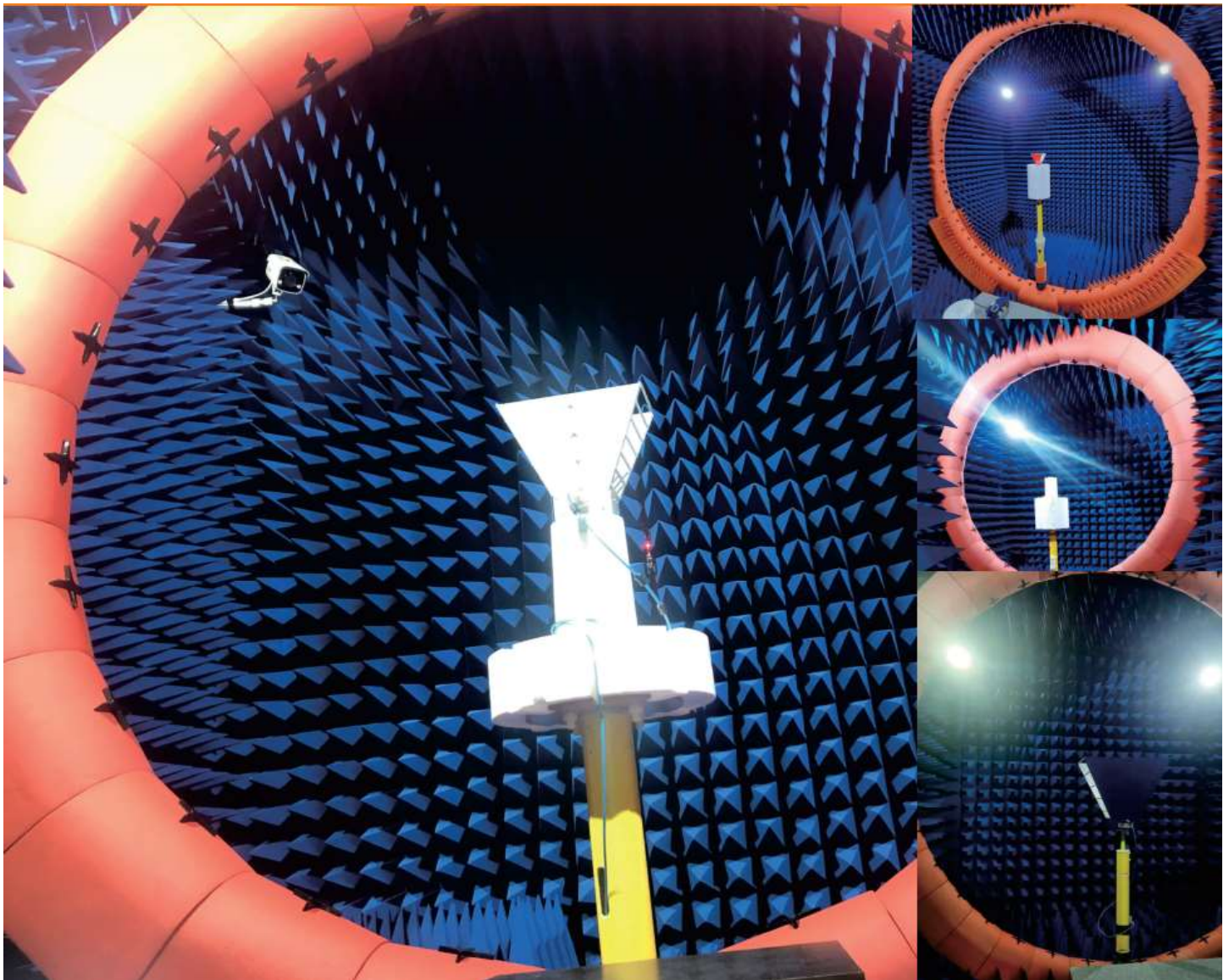
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Material & Mechanical Characteristics				Environmental	
Material of Radiator	Cable Type	Connector Type	Dimension	Operation Temperature	Storage Temperature
GREEN	1.13	KCC451		- 20 °C ~ + 50 °C	- 30 °C ~ + 80 °C

Test Equipment & Conditions

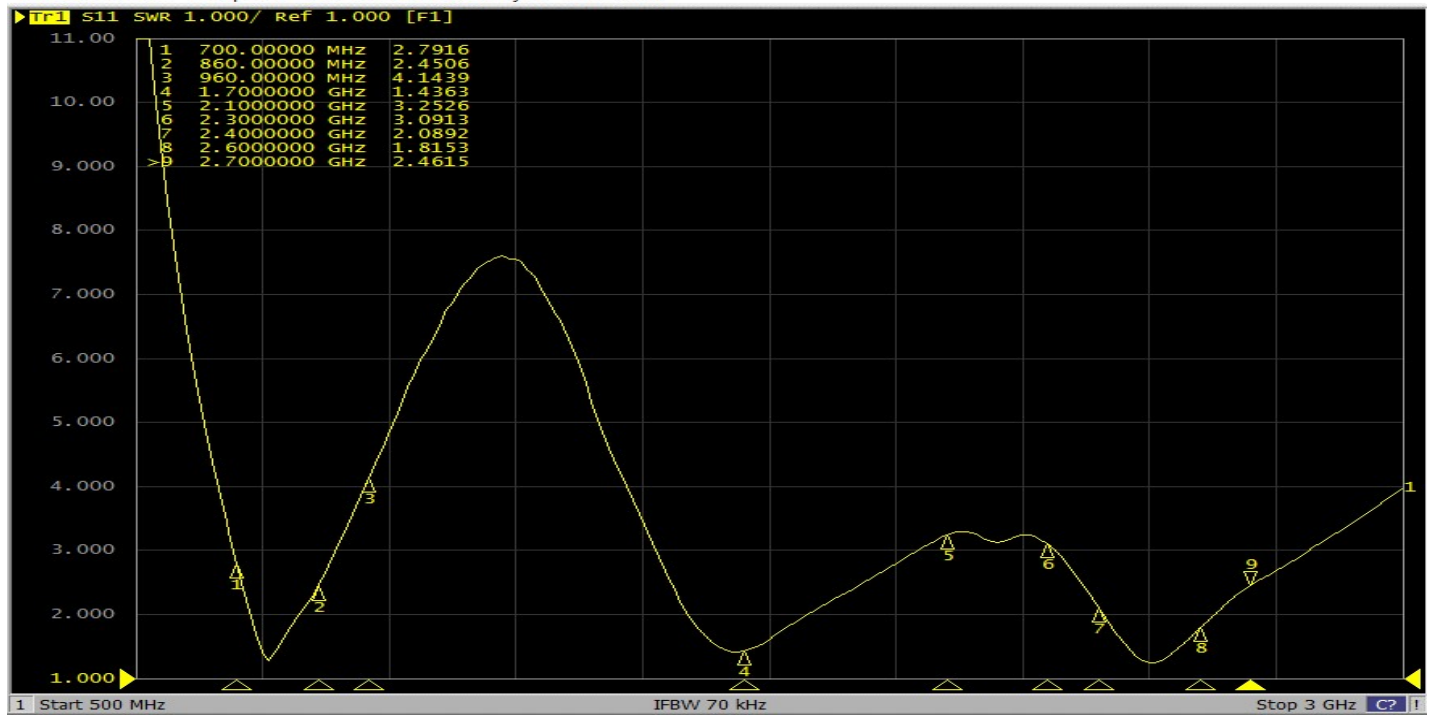
1. Network Analyzers :Agilent 8753SE 5071C
2. Communications Test Set:Agilent E5515C/CMW500
3. 3D Chamber Test System(ETS743)



Antenna Impedance: :

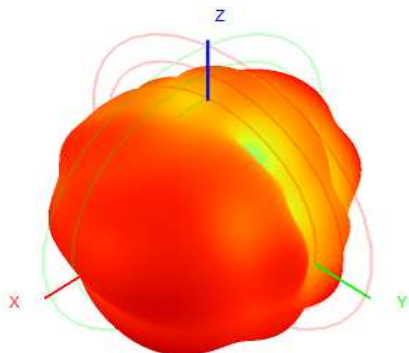
E5071C Network Analyzer

1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

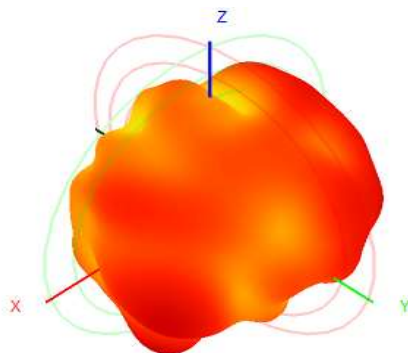


800MHZ-960MHZ	Freq	(MHz)	800	820	840	860	880	900	920	940	960	
	Effi	(%)	35.56	35.78	36.12	35.47	33.35	36.89	35.78	37.12	36.22	
	Gain	(dBi)	0.02	-0.05	0.31	0.27	0.15	0.44	0.65	0.48	0.64	
1700MHZ-2200MHZ	Freq	(MHz)	1700	1730	1760	1790	1820	1850	1880	2110	2140	2170
	Effi	(%)	35.56	36.75	37.25	36.45	34.31	36.89	37.23	35.12	36.31	
	Gain	(dBi)	1.01	1.12	0.98	1.23	1.15	1.75	1.65	1.63	1.5	
2300MHZ-2700MHZ	Freq	(MHz)	2300	2350	2400	2450	2500	2550	2600	2650	2700	
	Effi	(%)	40.46	41.78	42.56	41.69	43.32	40.98	46.56	43.11	41.72	
	Gain	(dBi)	1.56	1.45	1.32	1.88	1.51	1.65	1.12	1.39	1.44	

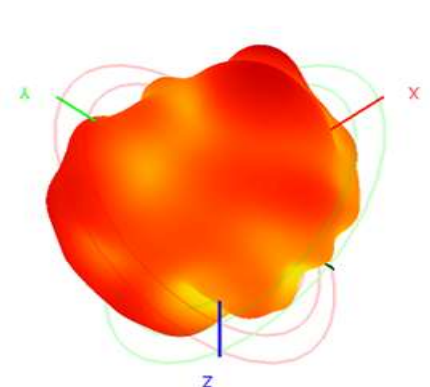
880MHZ



1850MHZ

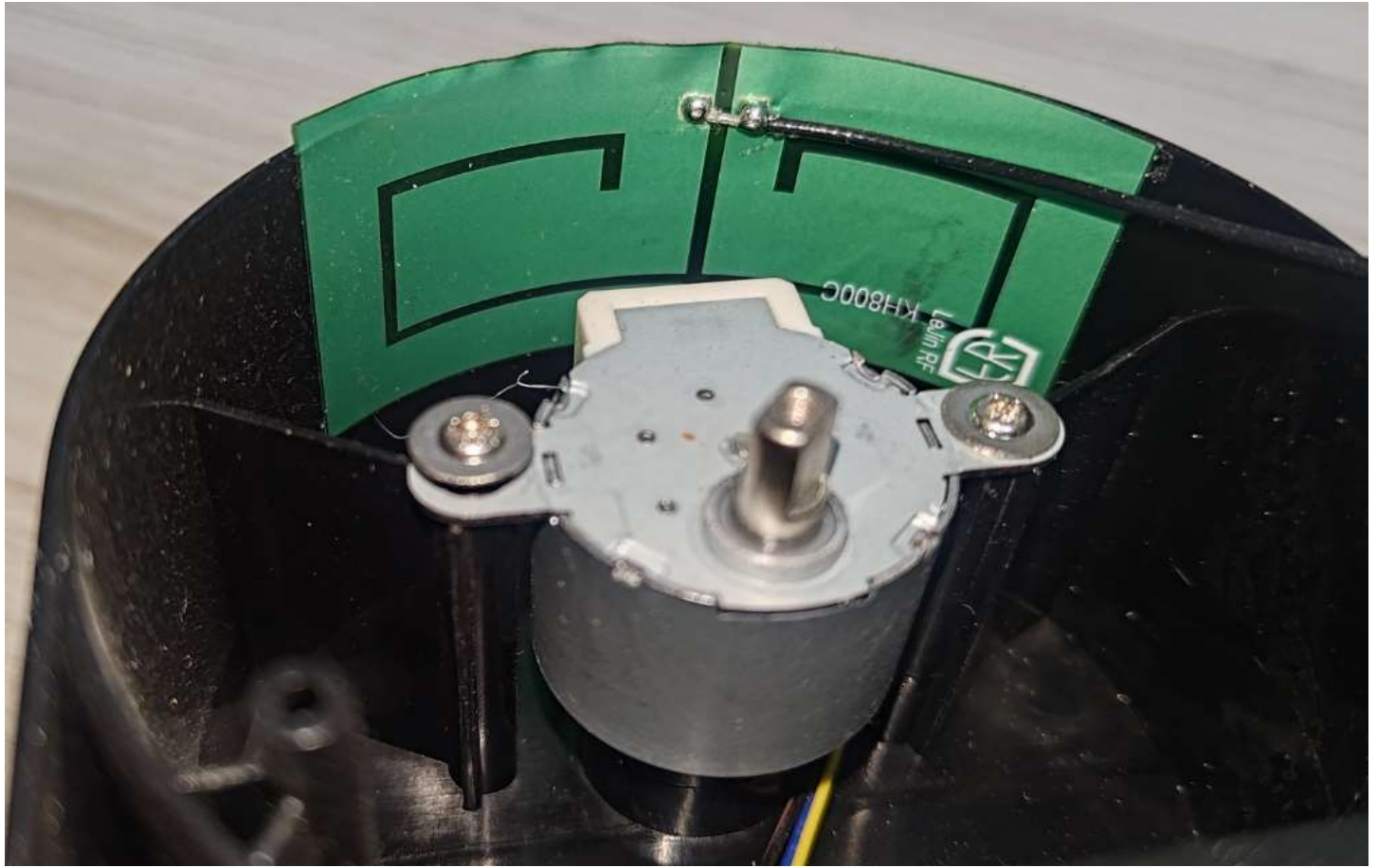


2500MHZ



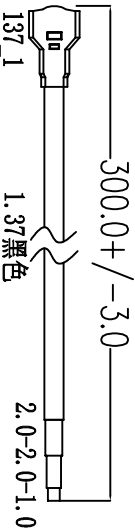
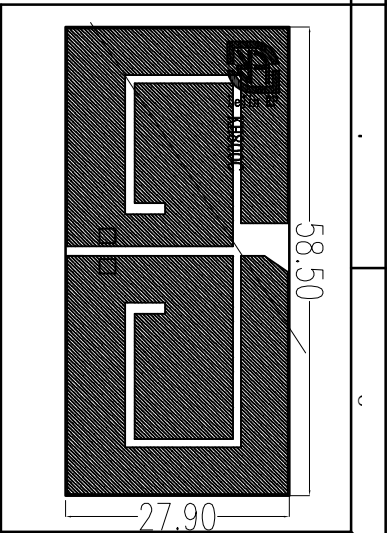
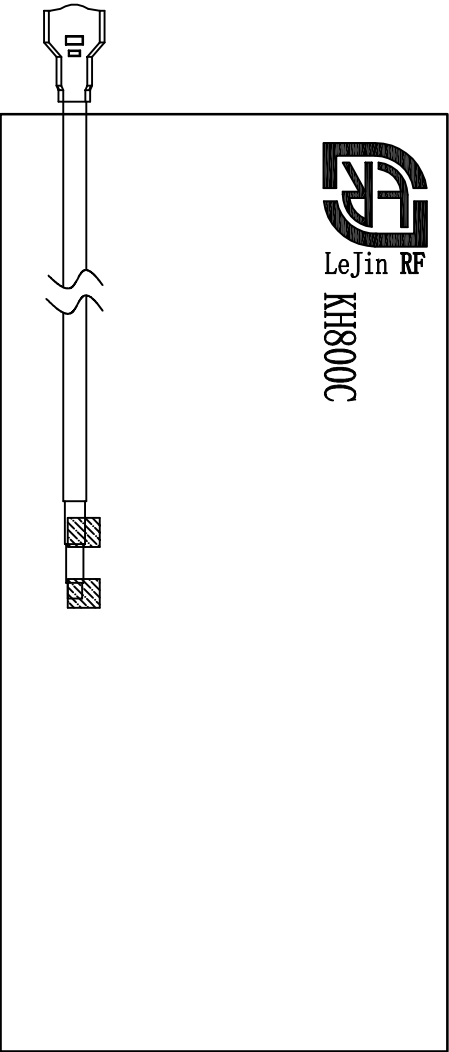
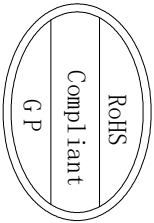


安装方式



Product Drawing:

A



 深圳乐进频率科技有限公司
SHEN ZHEN LEJIN RADIO FREQUENCY CO., LTD

0~10	±0.05	○	0.02	Project	HK800	Date	2025-02-15		
10~18	±0.10	◎	Ø0.03	Part Name	4g a ant	Designed by			
18~30	±0.12	⊥	0.02	Part No.		Checked by	MD		
30~40	±0.15	∠	0.04	Material			RF		
40~	±0.20	Angle	±0.5°	Treatment	LJRF02-240625002U-R0A	Approved by			

Rev		Description		Date	Remark	Location	Unit		Scale	FTT	Rev	A
A		New drawing										
1		2		3		6		7		8		