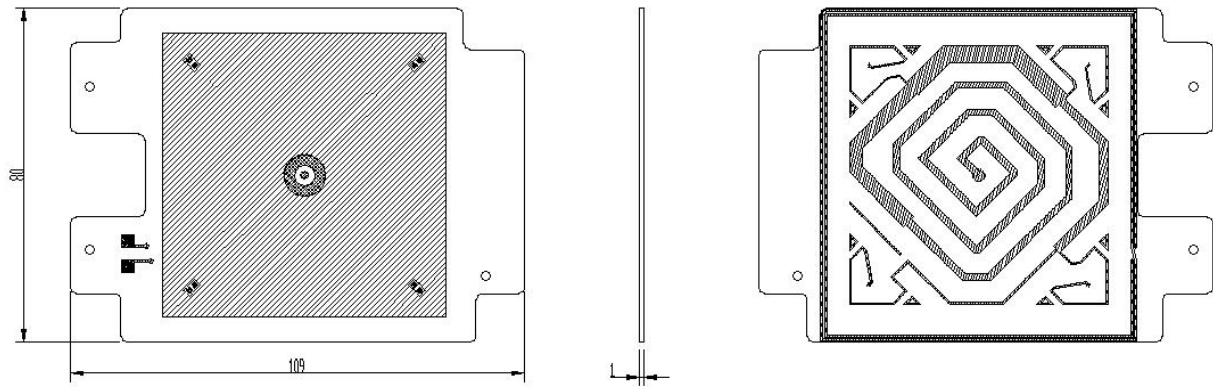


UHF RFID Antenna Specification

Part Number	CUAP-26C
ANT TYP	Circular Polarization
ANT material	FR4 PCB
Operating frequency (MHz)	860-930MHz



1 ANT test equipment

1.1 Microwave chamber diagram

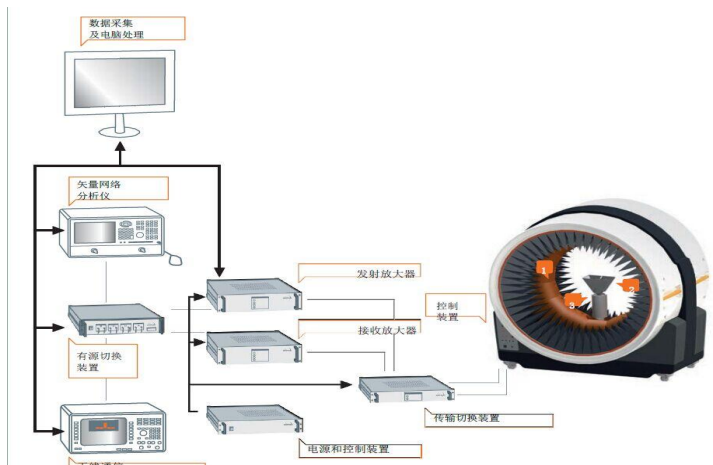


Figure 1 Wiring diagram of assembly test for microwave chamber system

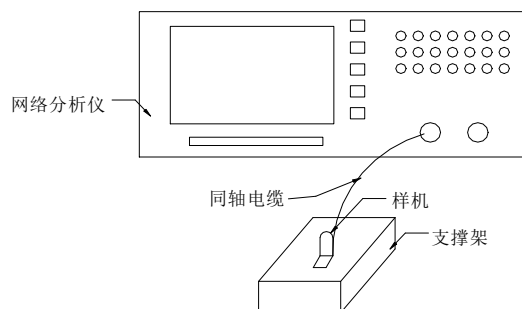


Figure 2 ANT static test connection method

2 Specifications

Antenna (天线)		
1	Antenna Dimensions(天线尺寸)	109mm*80mm*1mm
2	Frequency Range(频率范围)	860-930MHz
3	V.S.W.R (驻波比)	1.3 Max
4	Bandwidth@10dB(10dB 带宽)	70 MHz Min
5	Gain(增益)	-26 dBi Typ
6	Impedance (阻抗)	50 Ω
7	Polarization (极化方式)	RHCP
8	Working Temp (工作温度)	-40℃ ~ +85℃
9	Storage Temp (贮存温度)	-40℃ ~ +85℃

3 Antenna test result

3.1 Gain&Efficiency

Gain&Efficiency					
Frequency 频率(MHz)	Gain 增益(dBi)	Efficiency 效率	Frequency 频率(MHz)	Gain 增益(dBi)	Efficiency 效率
865.7	-26.73	11.4%	867.5	-26.74	12.4%
866.3	-26.73	11.6%	868.1	-26.74	12.7%
866.9	-26.73	12%			
902.75	-28.16	6.6%	915.25	-26.23	12.4%
903.25	-27.88	7.5%	915.75	-26.22	12.7%
903.75	-27.74	8.7%	916.25	-26.21	13.1%
904.25	-27.69	9.5%	916.75	-26.20	13.5%
904.75	-27.53	10.4%	917.75	-26.19	13.8%
905.25	-27.45	11.2%	918.25	-26.19	14.3%
905.75	-27.35	12.6%	918.75	-26.18	14.9%
906.25	-27.27	13.3%	919.25	-26.17	15.4%
906.75	-27.14	13.8%	919.75	-26.17	15.6%
907.25	-26.97	14.4%	920.25	-26.16	16.3%
907.75	-26.91	14.9%	920.75	-26.08	16.4%
908.25	-26.88	15.3%	921.25	-26.17	16.8%
908.75	-26.82	15.8%	921.75	-26.18	16.8%
909.25	-26.79	16.2%	922.25	-26.18	16.7%
909.75	-26.74	16.7%	922.75	-26.18	16.5%
910.25	-26.67	17.1%	923.25	-26.18	16.1%
910.75	-26.63	17.7%	923.75	-26.19	15.7%
911.25	-26.59	18.2%	924.25	-26.19	15.6%
911.75	-26.52	18.9%	924.75	-26.19	14.3%
912.25	-26.45	19.4%	925.25	-26.20	13.9%
912.75	-26.40	19.8%	925.75	-26.20	13.4%
913.25	-26.38	10.2%	926.25	-26.20	12.7%
913.75	-26.32	10.7%	926.75	-26.21	12.1%
914.25	-26.28	11.1%	927.25	-26.21	11.5%
914.75	-26.25	11.8%			

3.2 Radiation

