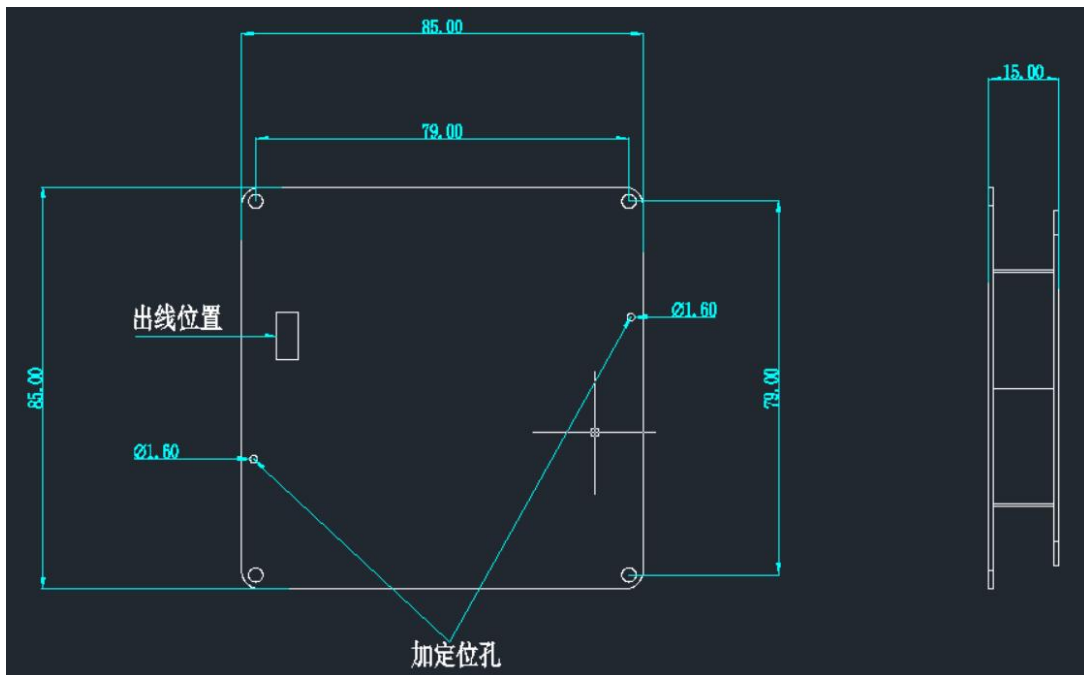


ANT Specification

Part Number	CUAP5CA
ANT TYP	Circular Polarization
ANT material	F4BM
Operating frequency band	UHF FCC
Operating frequency	902 MHz - 928 MHz
Gain	4.75dBi typ
Physical Dimensions	85mm*85mm*15mm
Sheathing material	PC+ABS



1. ANT test equipment

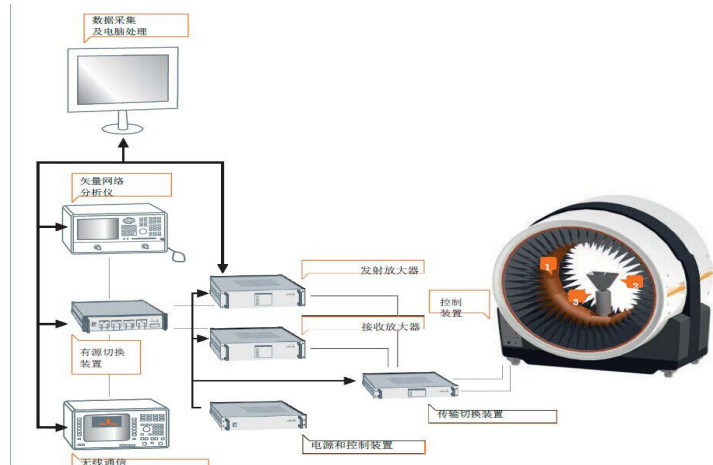


Figure 1 Wiring diagram of assembly test for microwave chamber system

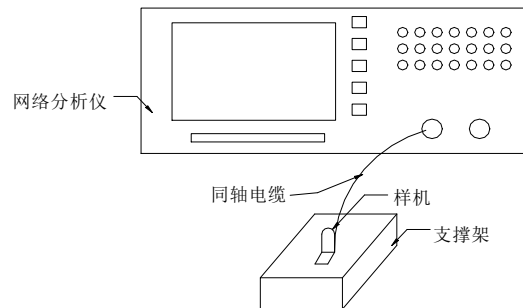


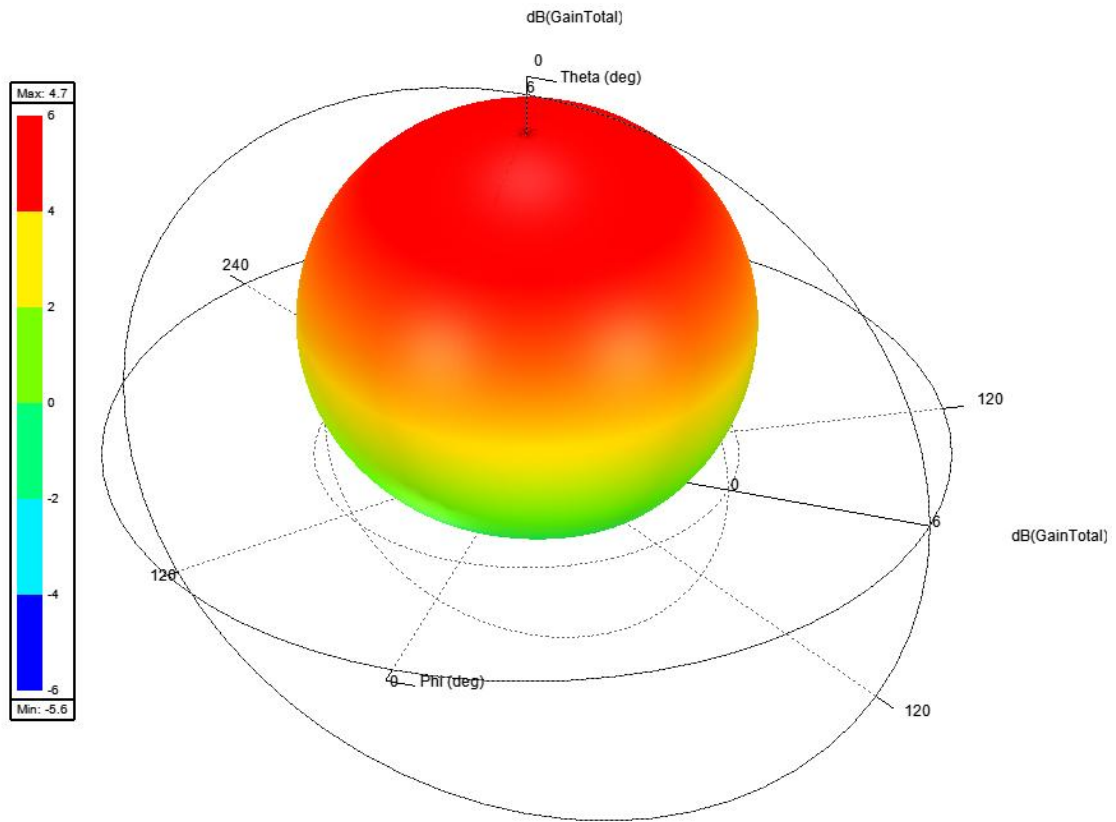
Figure 2 ANT static test connection method

2. UHF test result

2.1 Gain&Efficiency

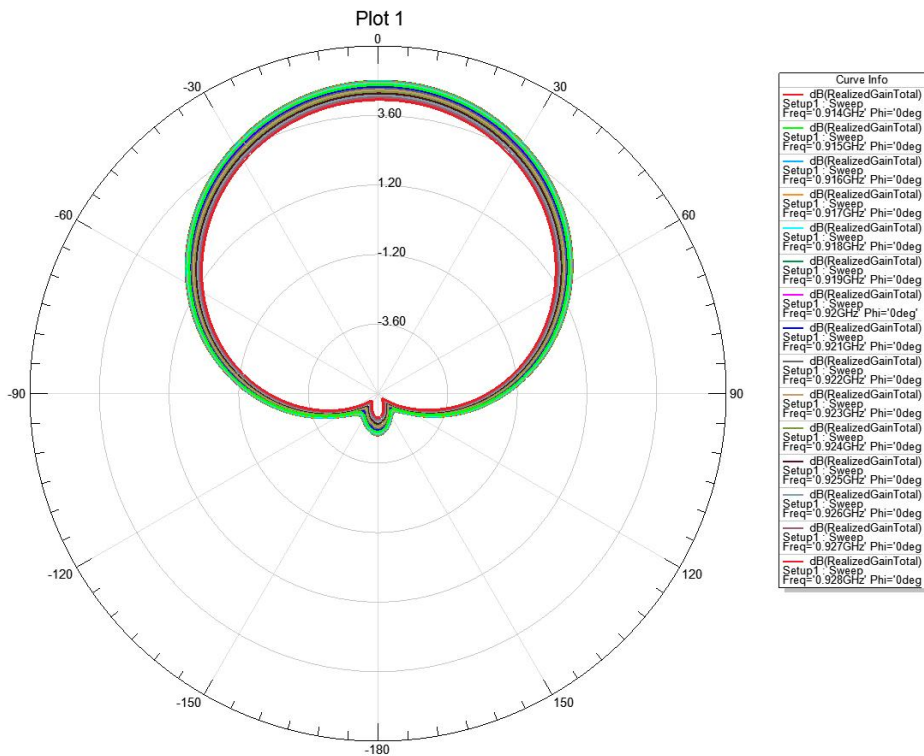
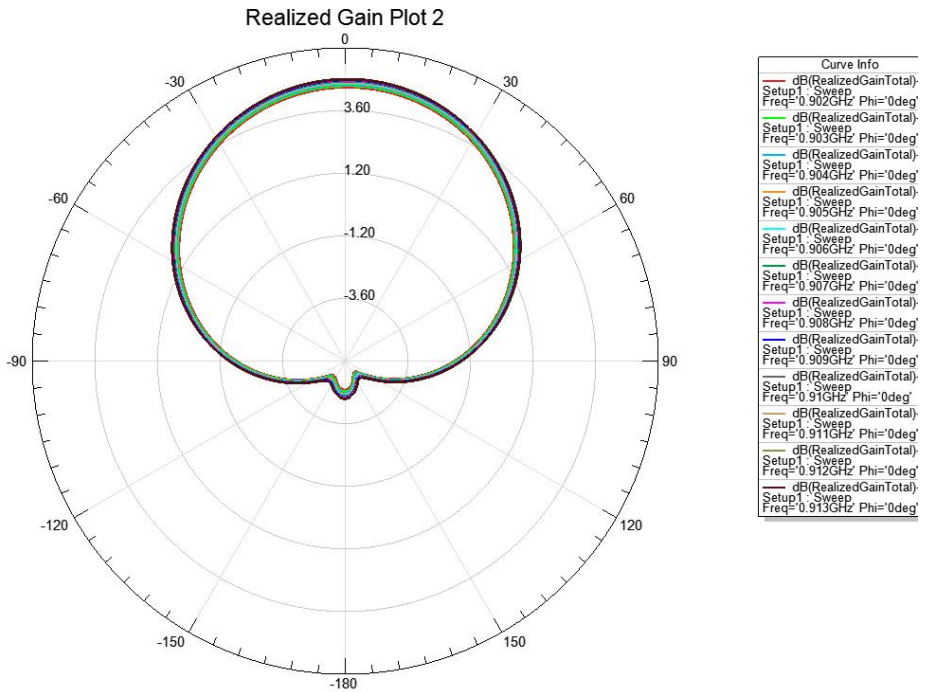
Gain&Efficiency FCC 增益和效率					
frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率	frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率
902.75	4.32	80.5%	915.25	4.75	86.7%
903.25	4.35	81.1%	915.75	4.75	86.7%
903.75	4.42	81.6%	916.25	4.75	86.9%
904.25	4.45	82%	916.75	4.75	86.9%
904.75	4.5	82.2%	917.75	4.75	86.9%
905.25	4.52	82.4%	918.25	4.74	86.6%
905.75	4.57	82.7%	918.75	4.74	86.6%
906.25	4.58	83.1%	919.25	4.73	86.4%
906.75	4.60	83.1%	919.75	4.73	86.4%
907.25	4.62	83.2%	920.25	4.72	86.2%
907.75	4.64	83.8%	920.75	4.72	86.1%
908.25	4.65	84.1%	921.25	4.71	86.0%
908.75	4.67	84.2%	921.75	4.71	85.5%
909.25	4.69	84.5%	922.25	4.70	85.8%
909.75	4.70	84.9%	922.75	4.70	85.7%
910.25	4.71	85.5%	923.25	4.69	84.5%
910.75	4.71	85.2%	923.75	4.67	84.2%
911.25	4.71	85.3%	924.25	4.65	84.1%
911.75	4.72	85.9%	924.75	4.64	83.8%
912.25	4.72	86.0%	925.25	4.62	83.2%
912.75	4.73	86.1%	925.75	4.60	83.1%
913.25	4.73	86.2%	926.25	4.58	83.1%
913.75	4.73	86.3%	926.75	4.57	82.7%
914.25	4.74	86.4%	927.25	4.52	82.4%
914.75	4.74	86.5%			

2.2 Radiation

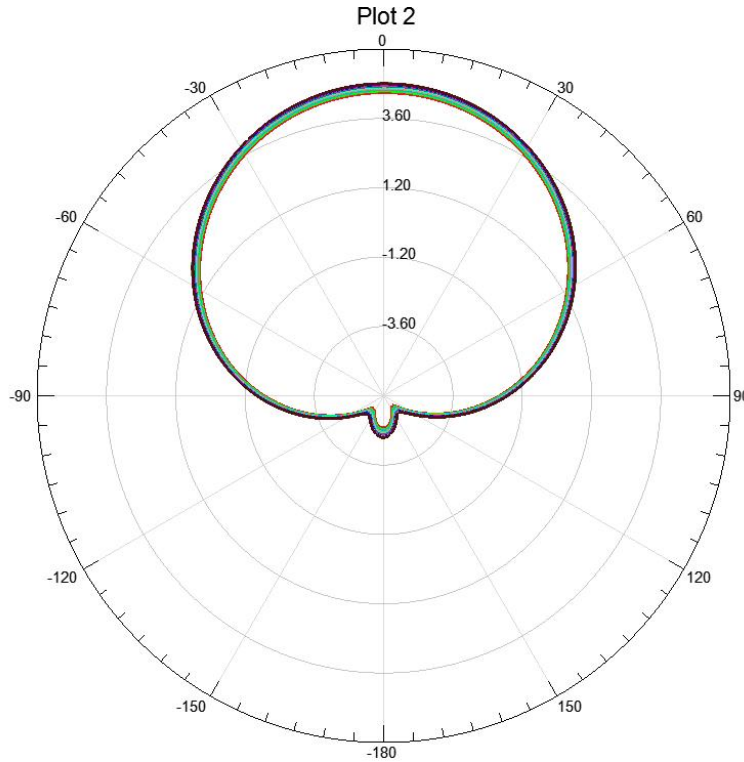


2. 2. 1

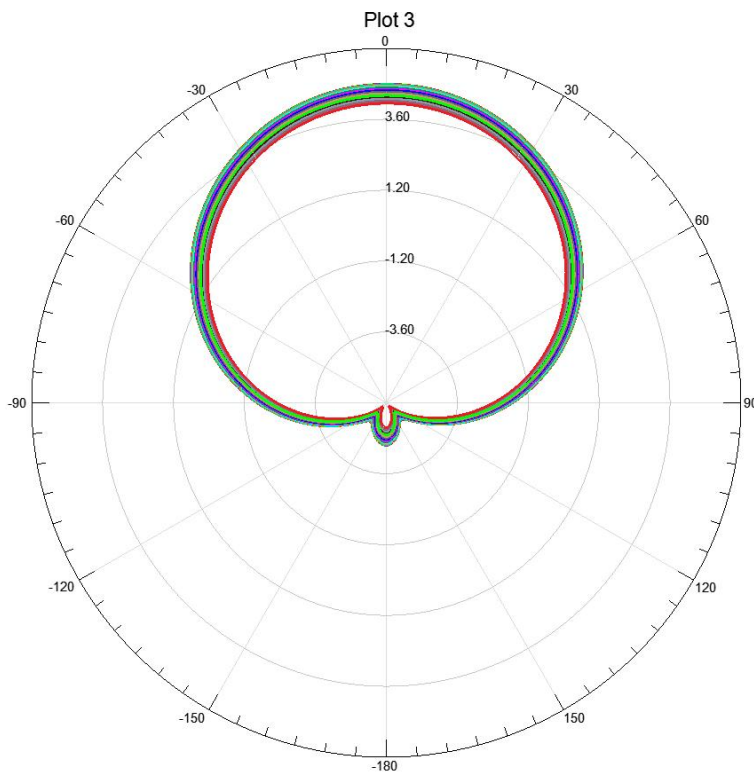
902mhz-928Mhz Phi=0°



2.2.2



Curve Info
dB(RealizedGainTotal) Setup1, Sweep Freq=0.902GHz Phi=90de
dB(RealizedGainTotal) Setup1, Sweep Freq=0.903GHz Phi=90de
dB(RealizedGainTotal) Setup1, Sweep Freq=0.904GHz Phi=90de
dB(RealizedGainTotal) Setup1, Sweep Freq=0.905GHz Phi=90de
dB(RealizedGainTotal) Setup1, Sweep Freq=0.906GHz Phi=90de
dB(RealizedGainTotal) Setup1, Sweep Freq=0.907GHz Phi=90de
dB(RealizedGainTotal) Setup1, Sweep Freq=0.908GHz Phi=90de
dB(RealizedGainTotal) Setup1, Sweep Freq=0.909GHz Phi=90de
dB(RealizedGainTotal) Setup1, Sweep Freq=0.91GHz Phi=90deg
dB(RealizedGainTotal) Setup1, Sweep Freq=0.911GHz Phi=90de
dB(RealizedGainTotal) Setup1, Sweep Freq=0.912GHz Phi=90de
dB(RealizedGainTotal) Setup1, Sweep Freq=0.913GHz Phi=90de



Curve Info
dB(RealizedGainTotal) Setup1, Sweep Freq=0.914GHz Phi=90de
dB(RealizedGainTotal) Setup1, Sweep Freq=0.915GHz Phi=90de
dB(RealizedGainTotal) Setup1, Sweep Freq=0.916GHz Phi=90de
dB(RealizedGainTotal) Setup1, Sweep Freq=0.917GHz Phi=90de
dB(RealizedGainTotal) Setup1, Sweep Freq=0.919GHz Phi=90de
dB(RealizedGainTotal) Setup1, Sweep Freq=0.92GHz Phi=90deg
dB(RealizedGainTotal) Setup1, Sweep Freq=0.921GHz Phi=90de
dB(RealizedGainTotal) Setup1, Sweep Freq=0.922GHz Phi=90de
dB(RealizedGainTotal) Setup1, Sweep Freq=0.923GHz Phi=90de
dB(RealizedGainTotal) Setup1, Sweep Freq=0.925GHz Phi=90de
dB(RealizedGainTotal) Setup1, Sweep Freq=0.926GHz Phi=90de
dB(RealizedGainTotal) Setup1, Sweep Freq=0.927GHz Phi=90de
dB(RealizedGainTotal) Setup1, Sweep Freq=0.928GHz Phi=90de

902mhz-928Mhz Theta=90°

