



# 深圳市英佳创电子科技有限公司

## 产品天线调测报告

时间：2022年10月13日

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# 一、项目概况

客户名称	项目名称	天线实现方式
1063		板载天线
工作频段 (MHz)		
2.4G	2400-2500 MHz	
868/915MHz	858-873/905-930 MHz	

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原天线2.4G图



# 原天线2.4G驻波图

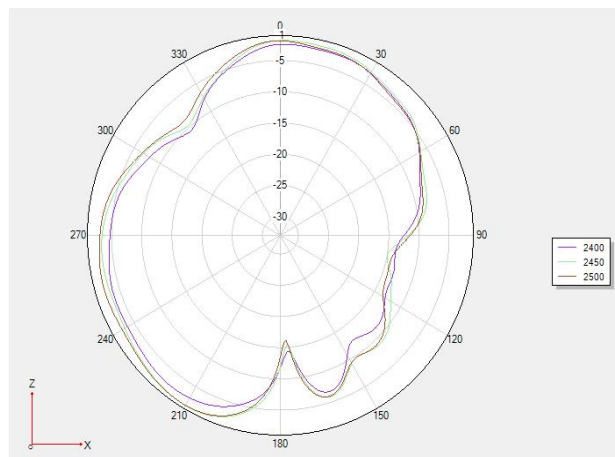


## 天线2.4G无源测试数据

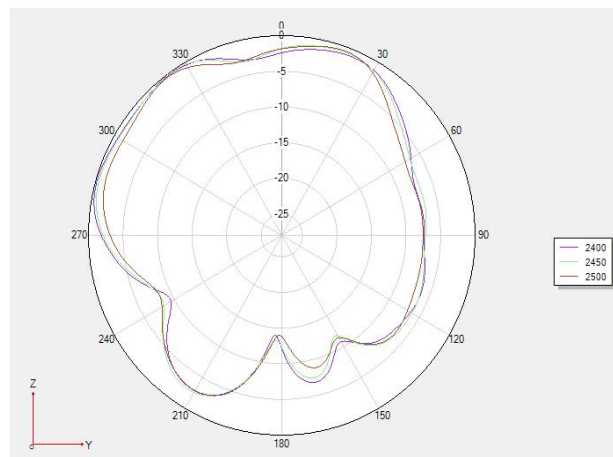
Frequency	Efficiency (%)	Gain. (dBi)
2400MHz	35.81	1.16
2410MHz	37.93	1.34
2420MHz	37.5	1.35
2430MHz	38.46	1.34
2440MHz	38.11	1
2450MHz	38.9	0.97
2460MHz	38.11	0.88
2470MHz	36.56	0.66
2480MHz	36.64	0.57
2490MHz	35.16	0.62
2500MHz	34.04	0.63

# 2.4G天线测试2D3D图

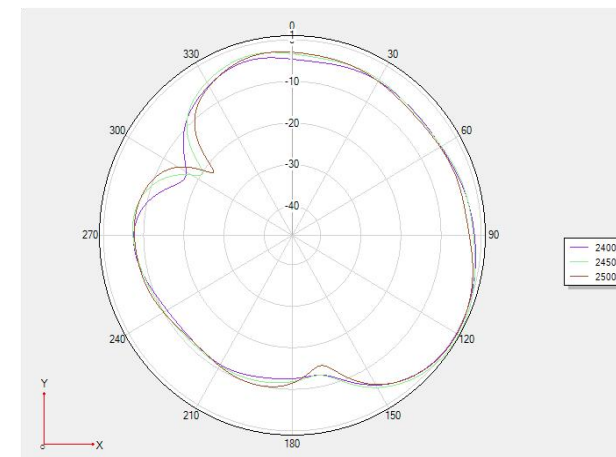
## Phi 0 2D图



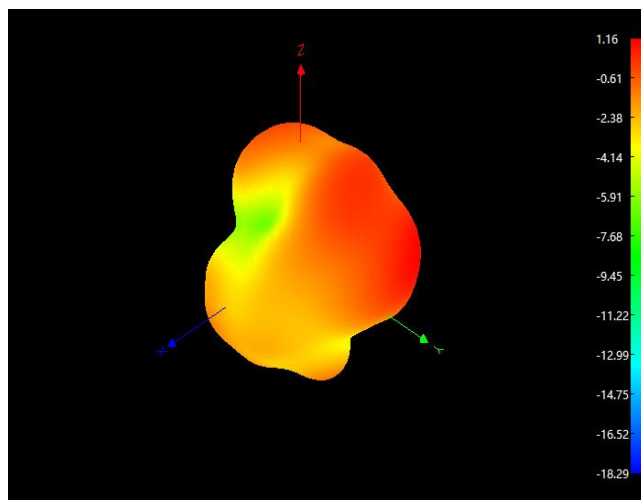
## Phi 90 2D图



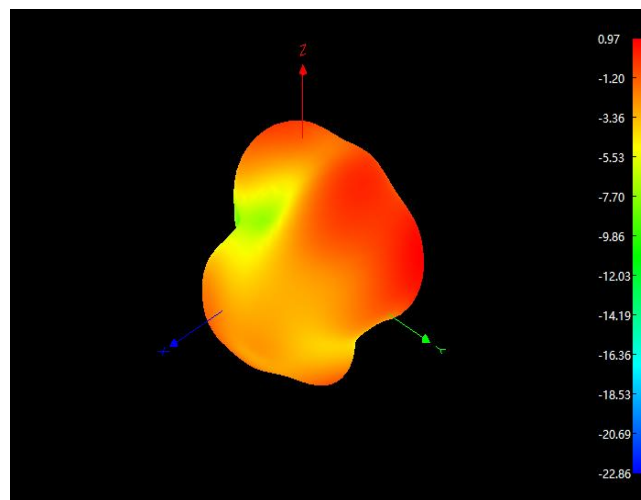
## Theta 90 2D图



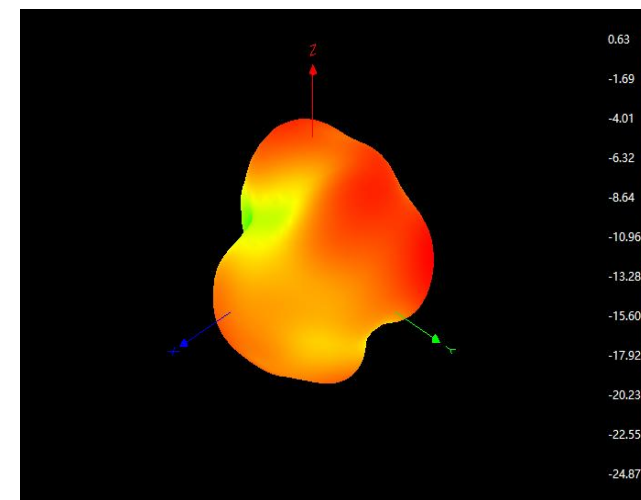
## 2400



## 2450



## 2500



# 天线868MHz驻波图





天线868MHz图

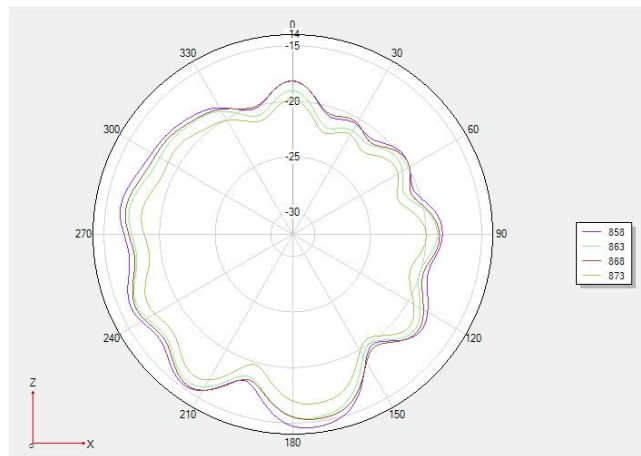


## 天线868MHz无源测试数据

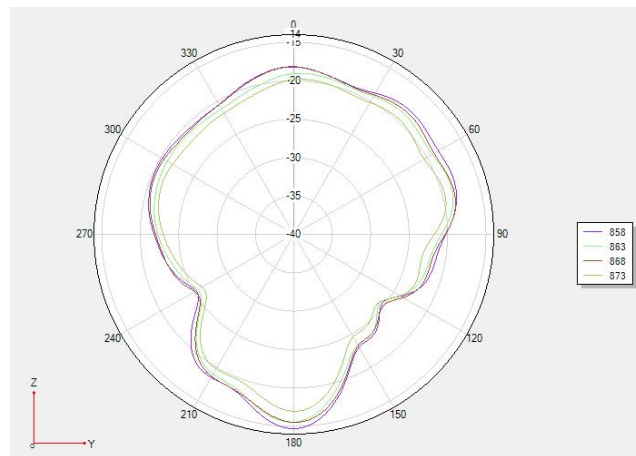
Frequency / MHz	Gain/ dBi	Efficiency / %
858	-14.49	1.22
863	-15.27	1.12
868	-15.21	1.22
873	-16.45	0.97

# 868MHz天线测试2D图

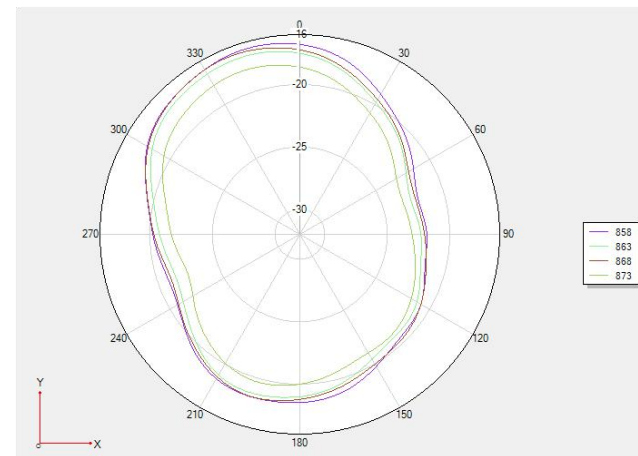
## Phi 0 2D图



## Phi 90 2D图

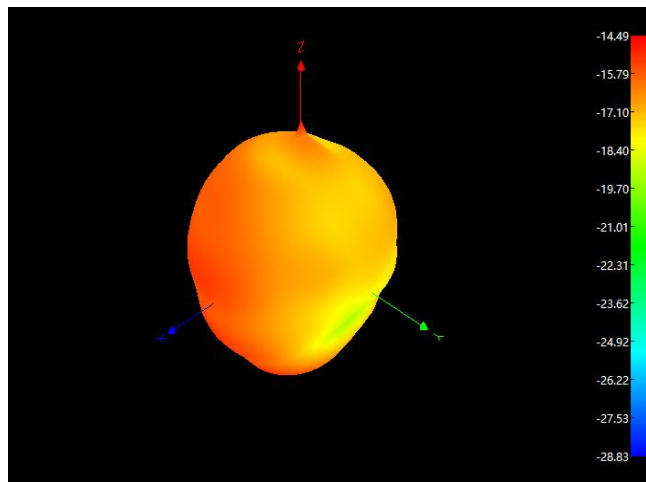


## Theta 90 2D图

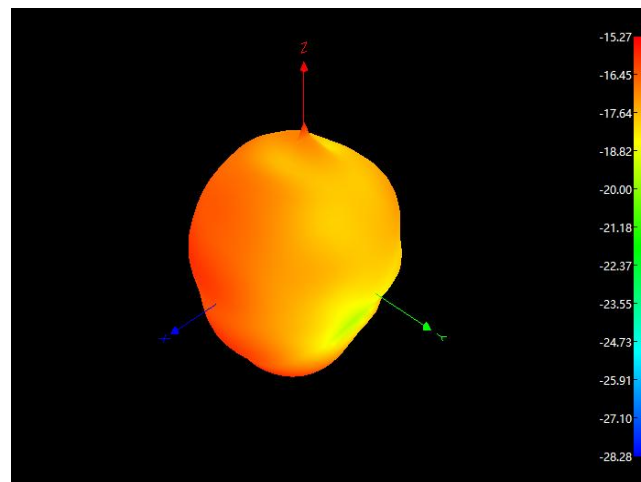


# 868MHz天线测试3D图

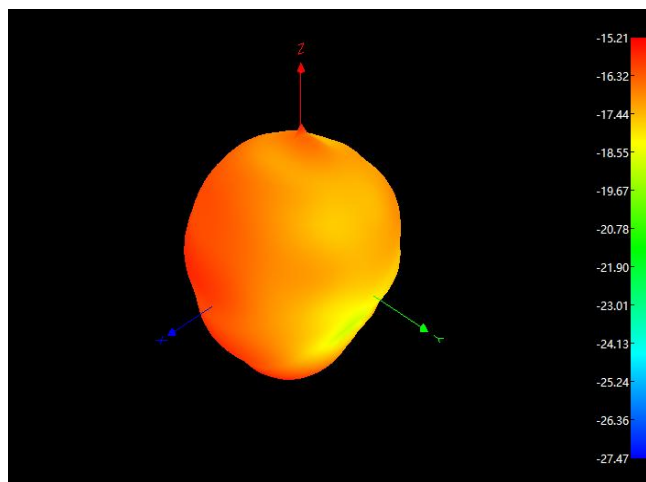
858



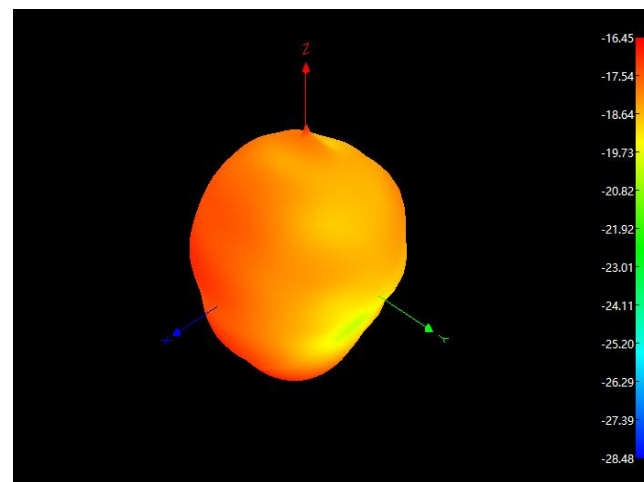
863



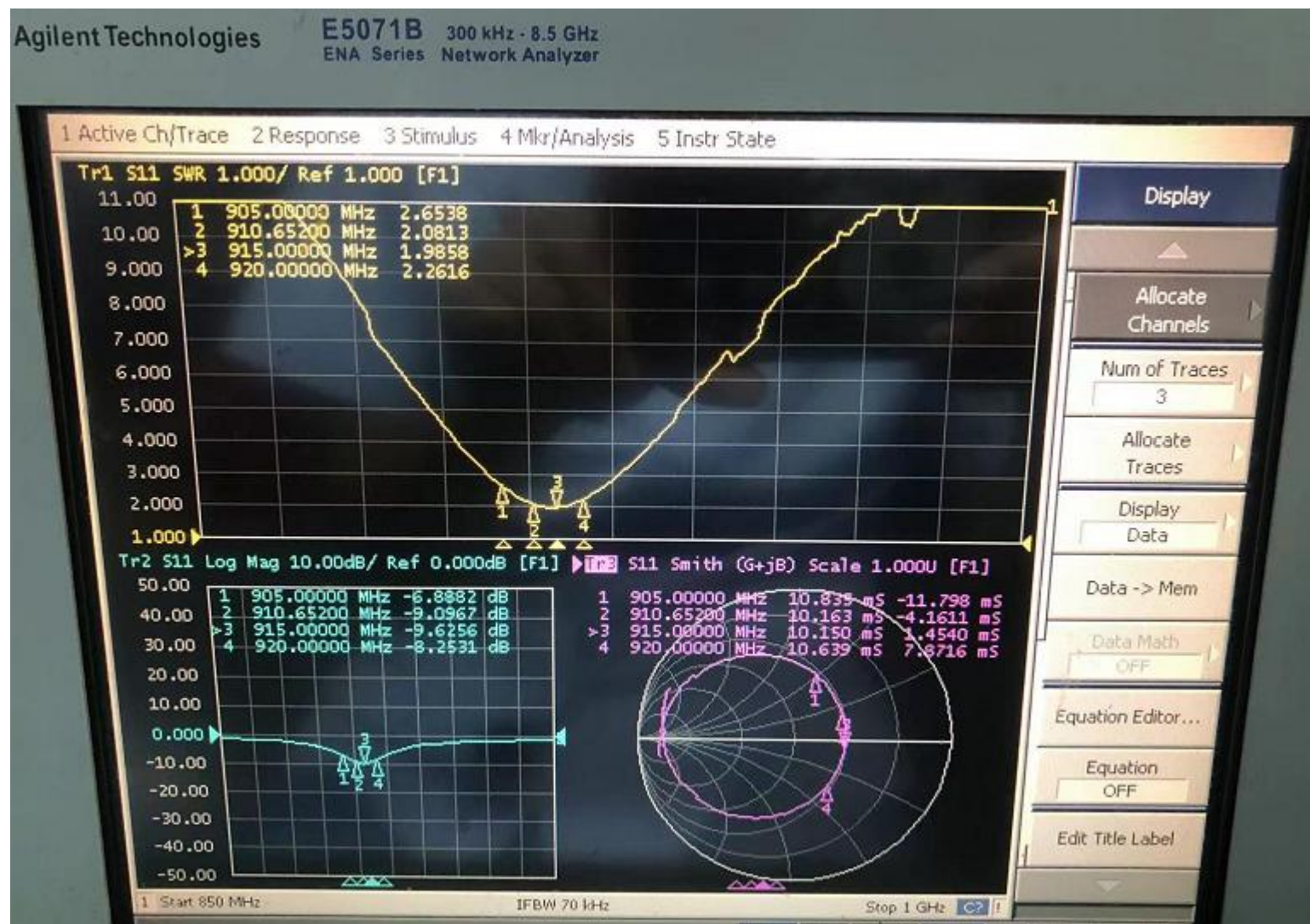
868



873



# 原天线915MHz驻波图



天线915MHz图

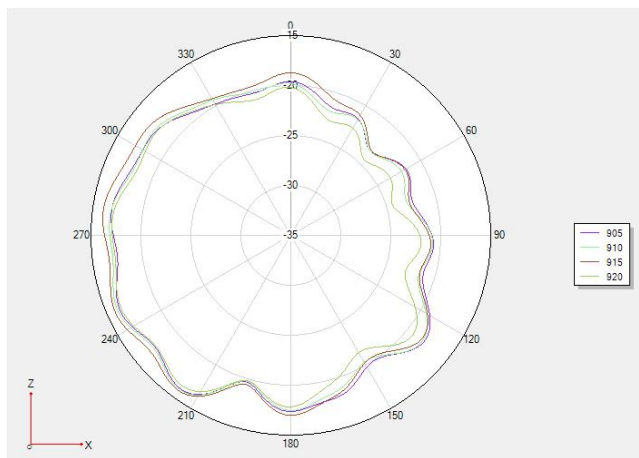


## 天线915MHz无源测试数据

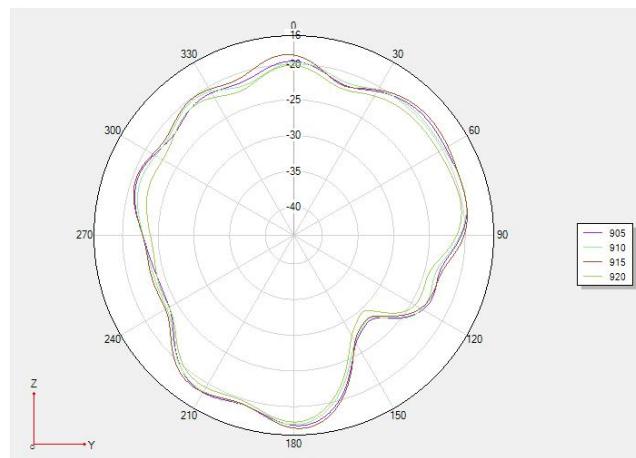
Frequency / MHz	Gain/ dBi	Efficiency / %
905	<b>-15.92</b>	<b>1.25</b>
910	<b>-15.95</b>	<b>1.21</b>
915	<b>-15.65</b>	<b>1.29</b>
920	<b>-16.36</b>	<b>0.99</b>
925	<b>-16.29</b>	<b>0.87</b>
930	<b>-16.87</b>	<b>1.01</b>

# 915MHz天线测试2D图

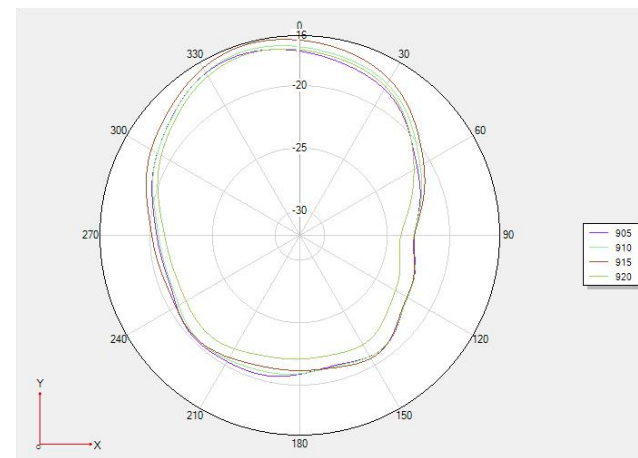
## Phi 0 2D图



## Phi 90 2D图



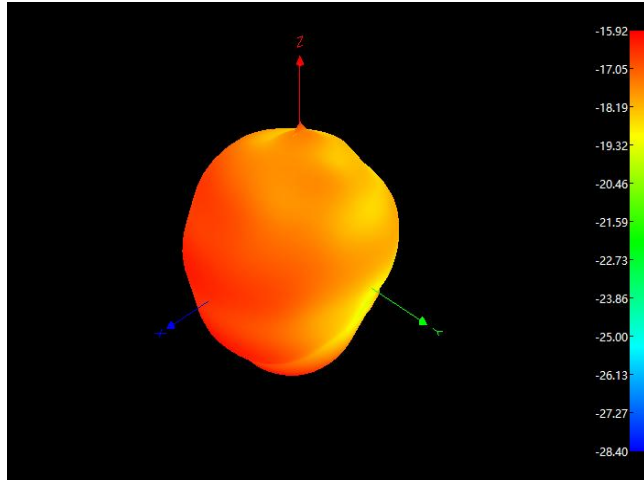
## Theta 90 2D图



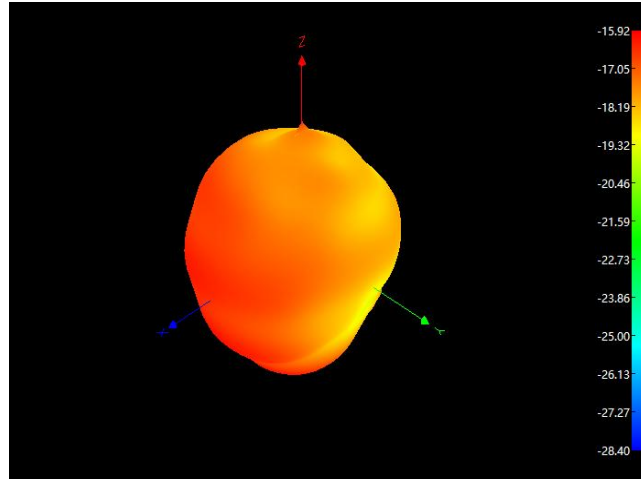


# 915MHz天线测试3D图

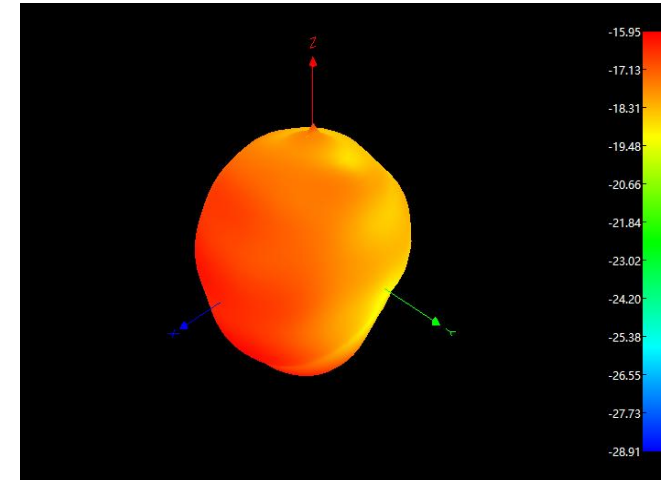
905



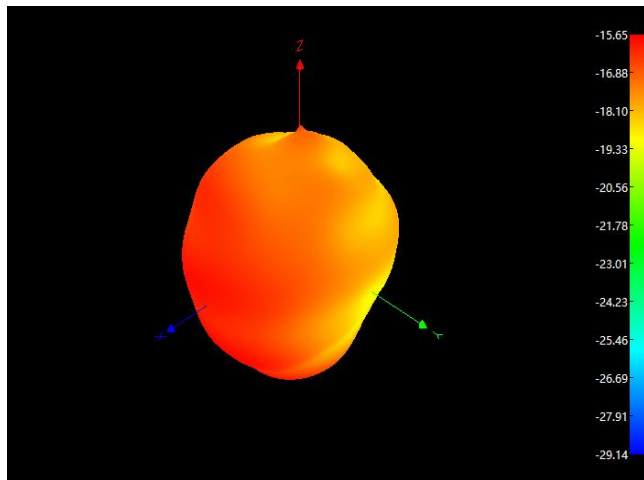
910



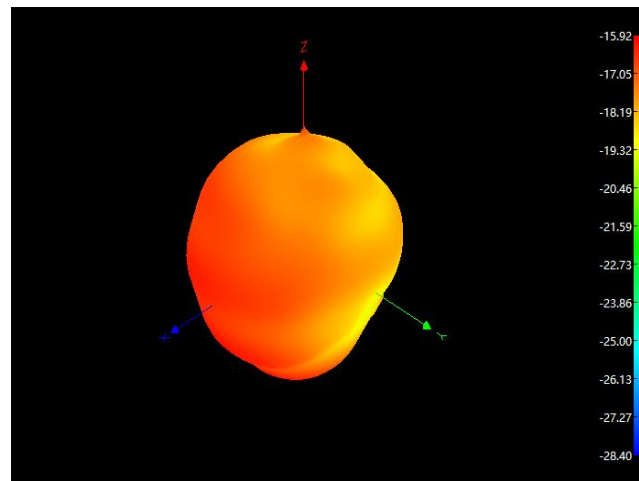
915



920



925



930

