

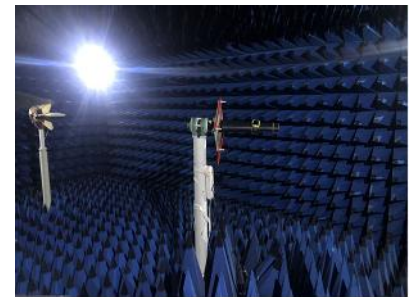


深圳市昱晟通讯设备有限公司

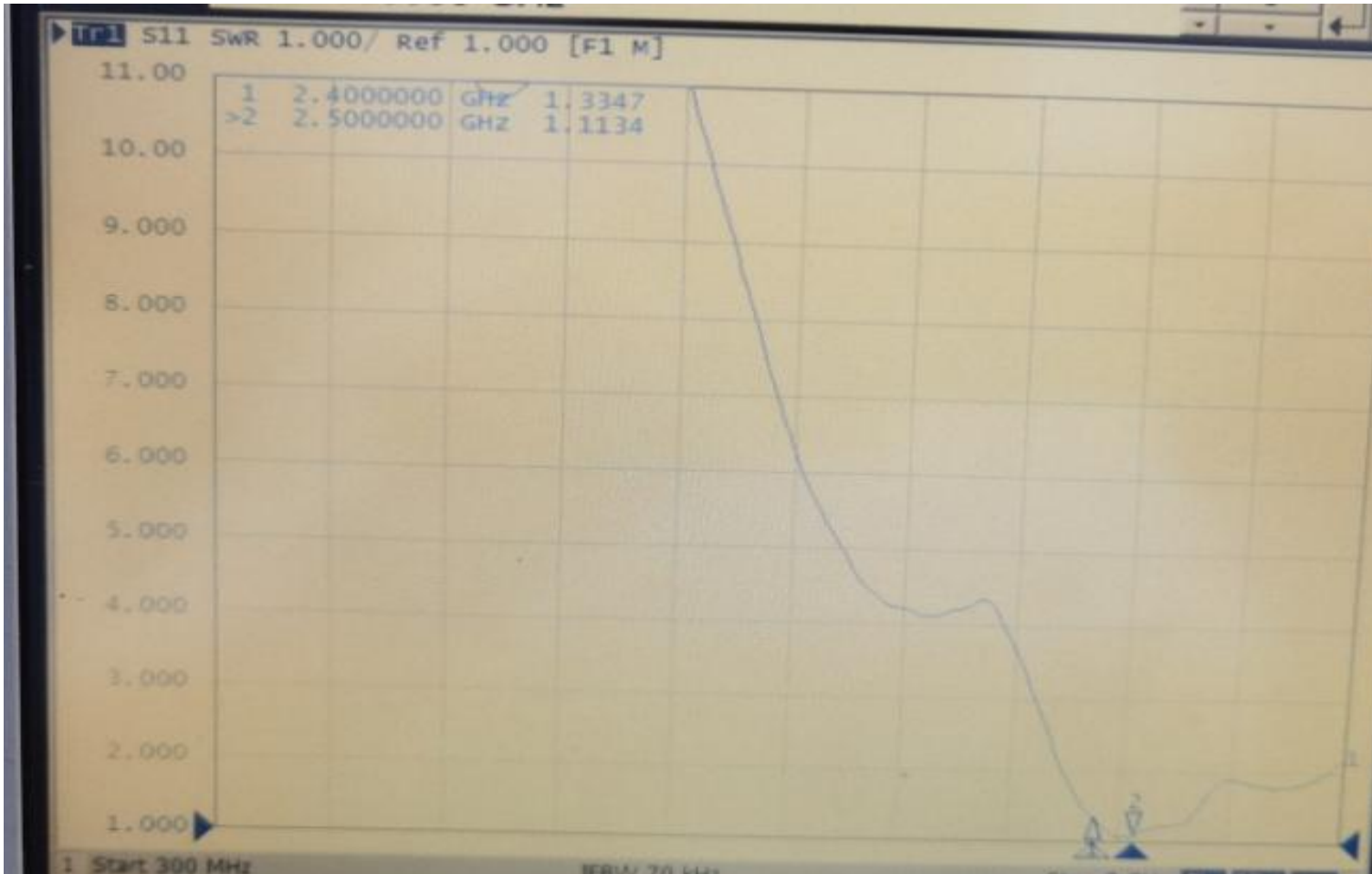
Yusheng Communications-equipment Co.,LTD

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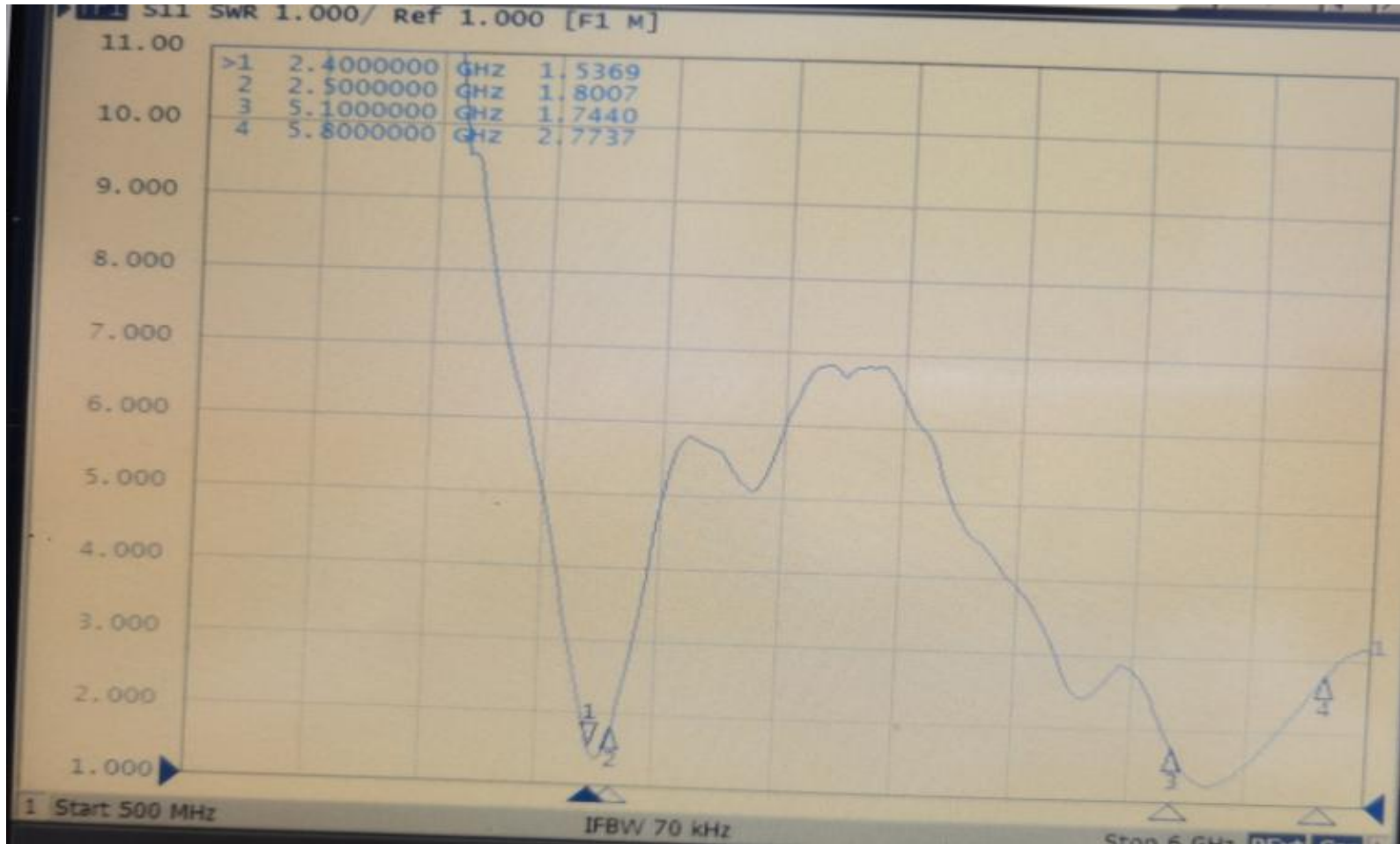
Manufacturer: Shenzhen Guanglian Zhitong  
Technology Co., LTD  
Model: GL-E750



VSWR-2.4G



VSWR-2. 4G/5. 8G



## 天线无源参数-GSM

Freq(主天线效率)	Effi (%)	Gain(dBi)
700MHZ	35	0.37
750MHZ	40	0.62
800MHZ	44	0.77
850MHZ	46	1.12
900MHZ	43	0.97
950MHZ	40	0.74
1700MHZ	37	0.45
1750MHZ	39	0.51
1800MHZ	40	0.54
1850MHZ	41	0.62
1900MHZ	42	0.64
1950MHZ	43	0.67

Freq(主天线效率)	Effi (%)	Gain(dBi)
2000MHZ	45	0.78
2050MHZ	44	0.84
2100MHZ	42	0.76
2150MHZ	43	0.72
2200MHZ	41	0.69
2250MHZ	40	0.67
2300MHZ	41	0.72
2350MHZ	40	0.73
2400MHZ	41	0.75
2450MHZ	42	0.78
2500MHZ	41	0.77
2550MHZ	40	0.69
2690MHZ	39	0.61



test data -2.4GWIFI

Freq(WIFI天线效率)	Effi (%)	Gain(dBi)
2400MHZ	44	0.58
2410MHZ	46	0.67
2420MHZ	49	0.75
2430MHZ	50	0.89
2440MHZ	53	1.05
2450MHZ	55	1.48
2460MHZ	52	1.31
2470MHZ	51	1.27
2480MHZ	50	1.06
2490MHZ	49	0.89
2500MHZ	47	0.73



test data-WiFi1

Freq	Effi (%)	Gain(dBi)		Freq	Effi (%)	Gain(dBi)	
2400MHZ	45	0.62		5100MHZ	42	0.55	
2410MHZ	47	0.68		5150MHZ	46	0.63	
2420MHZ	50	0.77		5200MHZ	48	0.77	
2430MHZ	51	0.95		5250MHZ	50	0.82	
2440MHZ	52	1.15		5300MHZ	52	1.07	
2450MHZ	55	1.57		5350MHZ	54	1.23	
2460MHZ	52	1.43		5400MHZ	58	1.67	
2470MHZ	51	1.32		5450MHZ	57	1.61	
2480MHZ	51	1.11		5500MHZ	56	1.48	
2490MHZ	50	1.04		5550MHZ	55	1.44	
2500MHZ	48	0.86		5600MHZ	54	1.32	
				5650MHZ	53	1.24	
				5700MHZ	50	0.95	
				5750MHZ	49	0.88	
				5800MHZ	47	0.76	



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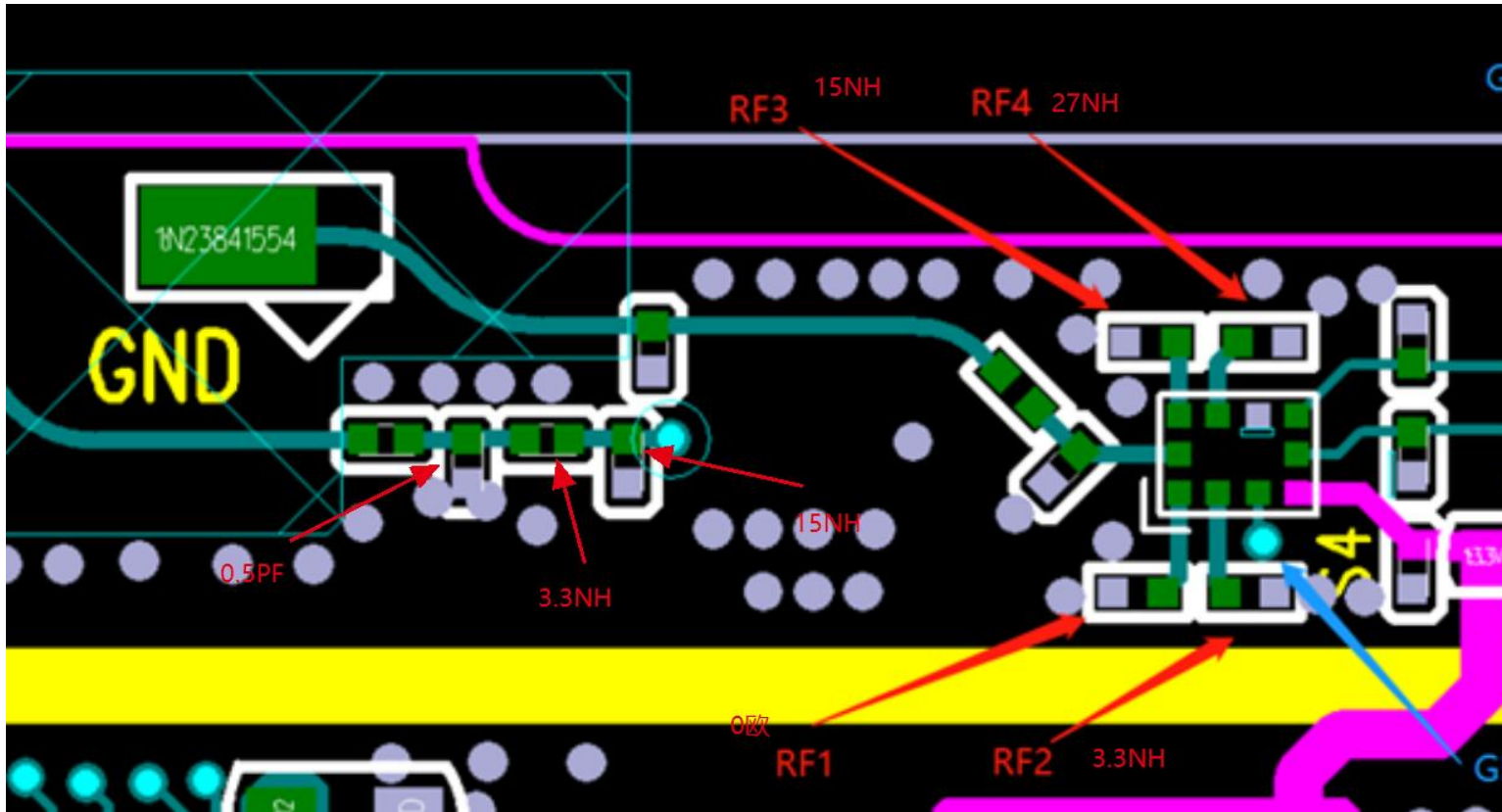
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The mainboard match

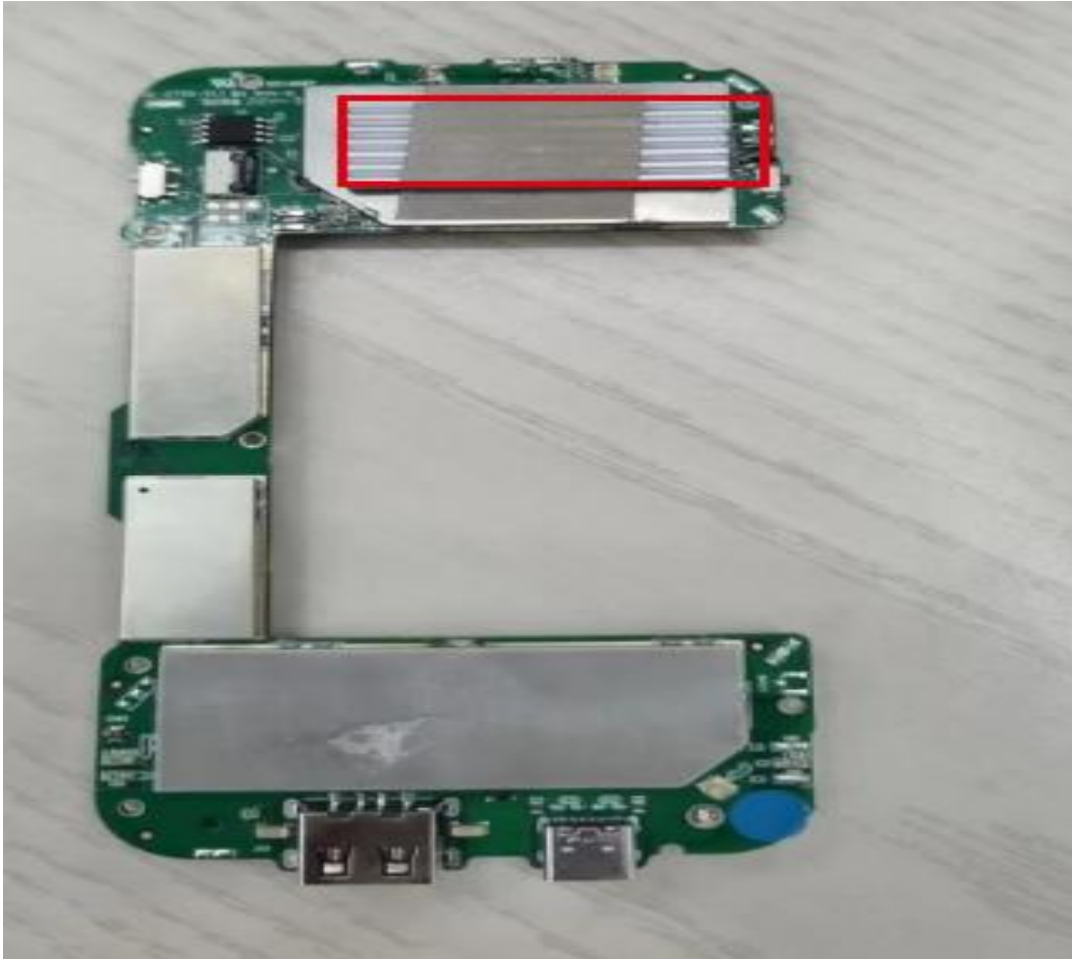


Environmental  
treatment



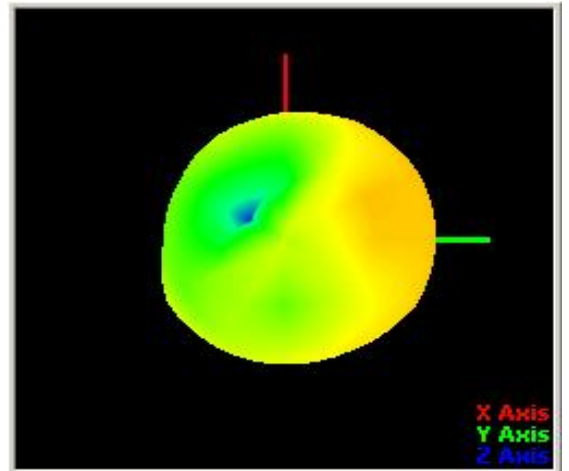
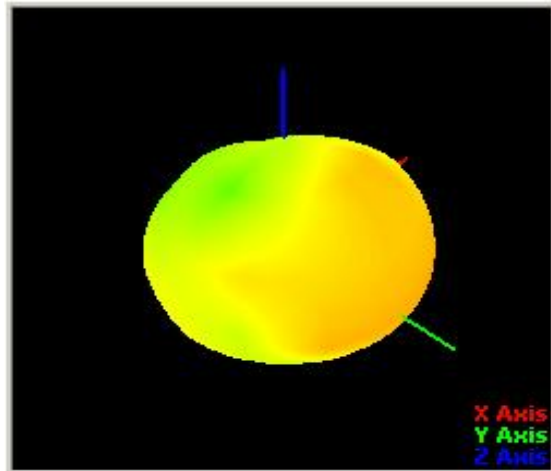
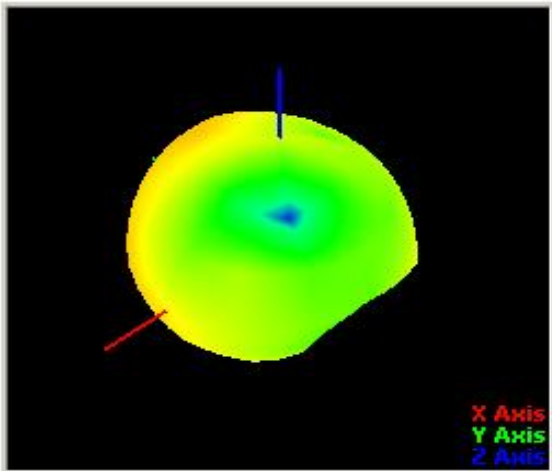
The mainboard and shell  
plate after grounding

Environmental  
treatment

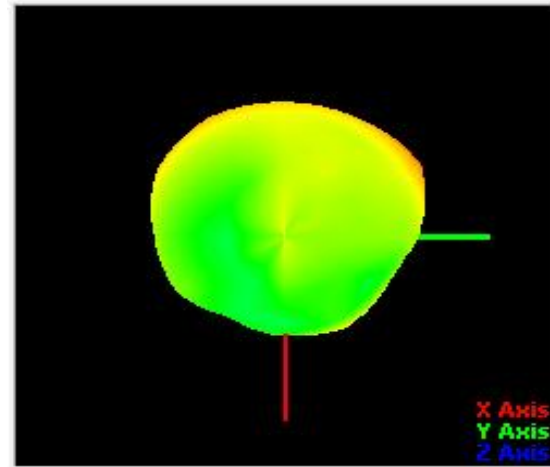
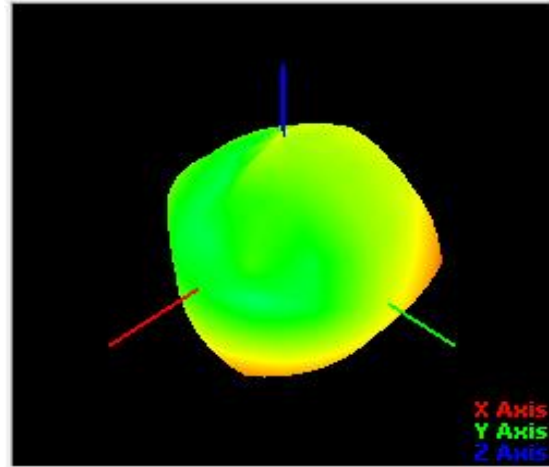
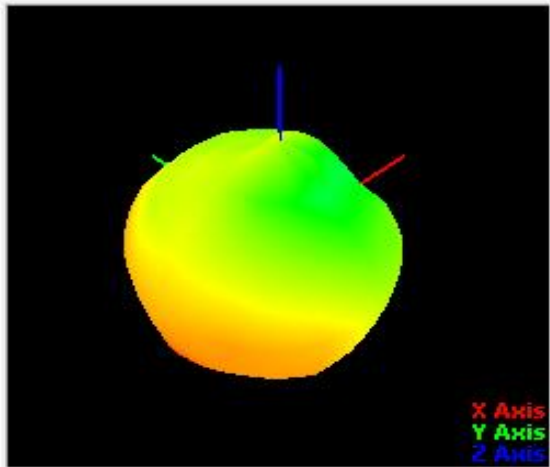


the fin grounded

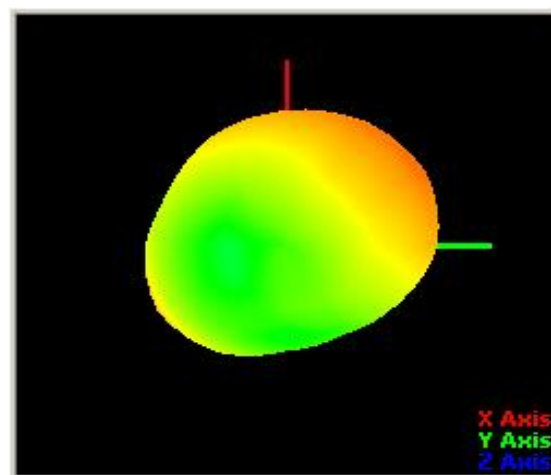
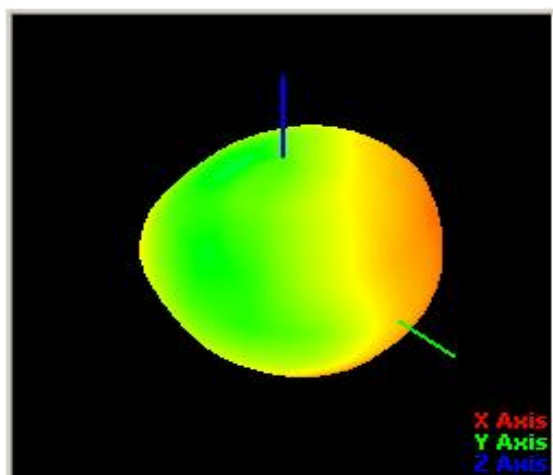
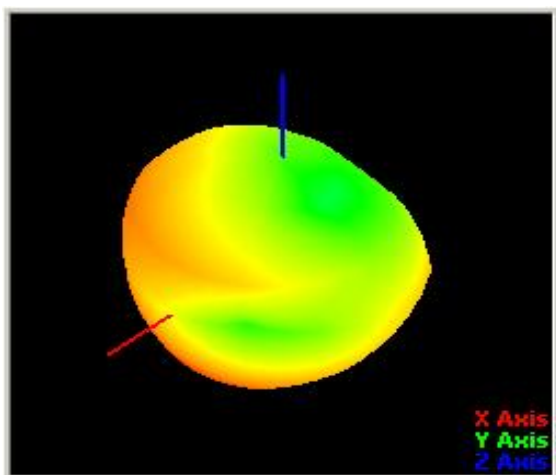
Single WIFI2.4G 3D



Helu WIFI 2.4G 3D



## Helu WIFI 5G 3D picture





antenna photo:

