

Shenzhen jiashengjia Technology Co., Ltd

# Antenna Test Report



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# 1.Introduction to project debugging

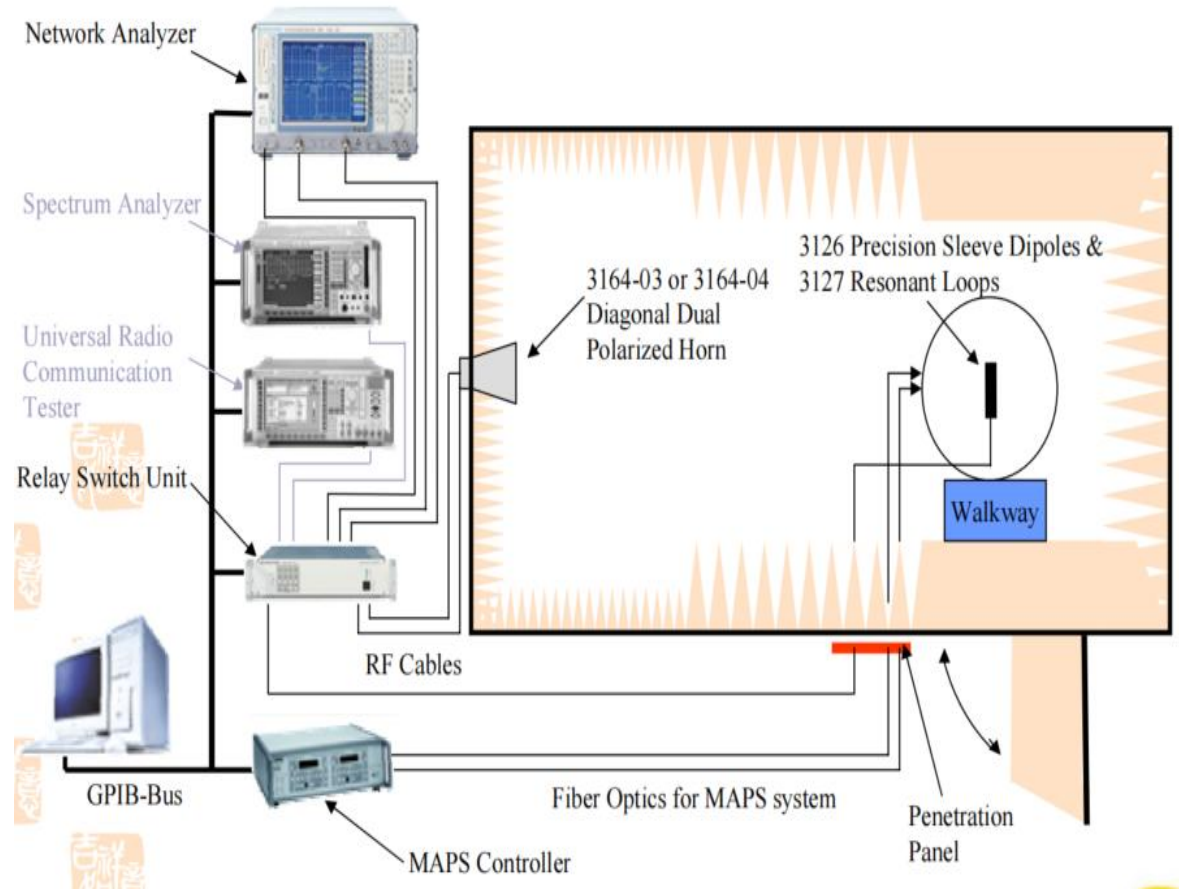
<b>Client name</b>	<b>富途创新</b>	<b>Project name</b>		<b>FT02</b>			
<b>Machine type</b>	<b>智能手环</b>	<b>Antenna material</b>		<b>Cable</b>			
<b>Antenna generalization</b>	<b>Main antenna</b>	<b>Antenna band</b>		<b>Antenna state</b>	<b>Antenna region</b>	<b>Antenna form</b>	<b>Whether the antenna configuration is changed</b>
	<b>Other antennas</b>	<b>Bluetooth antenna</b>	<b>2.4GHz-2.5GHz</b>	<b>sample</b>			<b>否</b>

## 2.Contact information for project leader

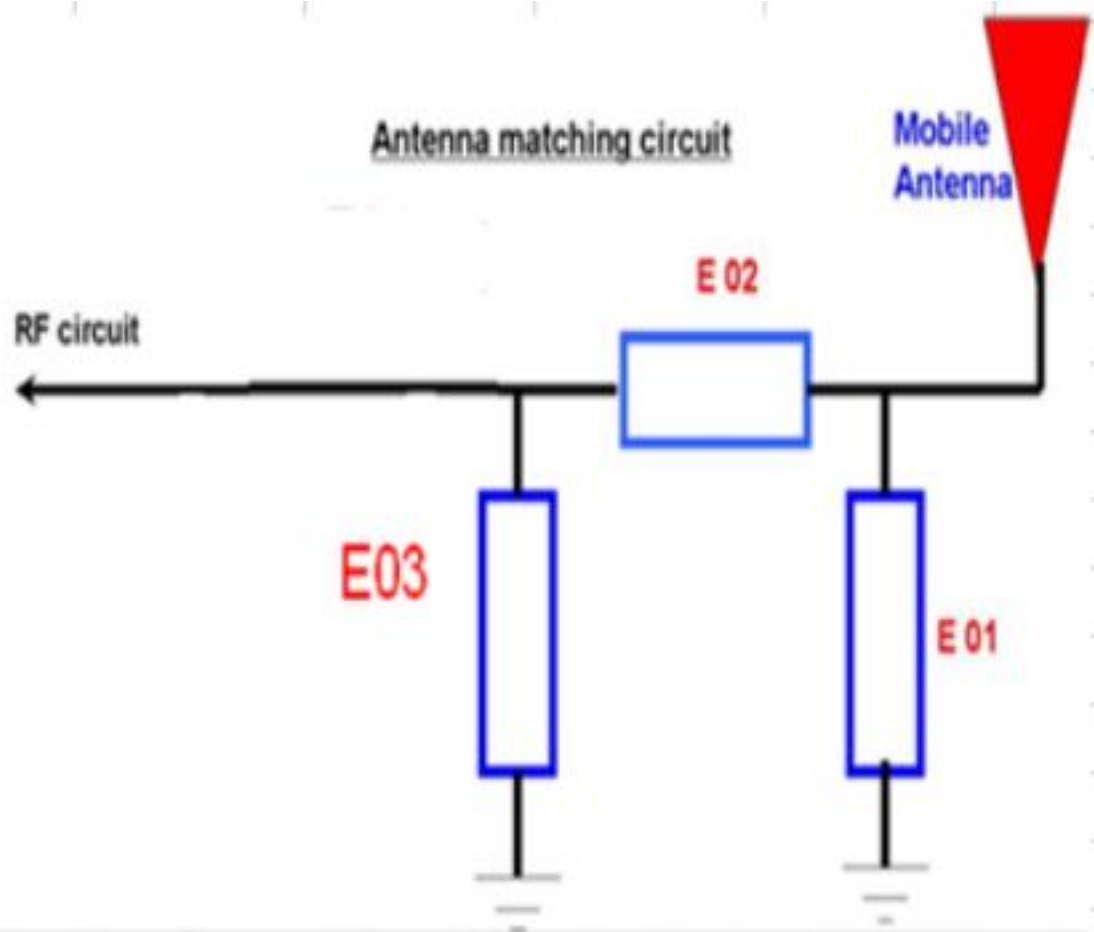
<b>Sales engineer</b>	<b>Wu Sheng</b>	<b>15013792335</b>	<b>szjsj01@163.com</b>

# 3. Test environment

Integrated measuring instrument	CMW500
darkroom	Atenlab M3
Test engineer	刘俊
temperature	25°C
humidness	65% (RH)



# 4. Antenna matching circuit

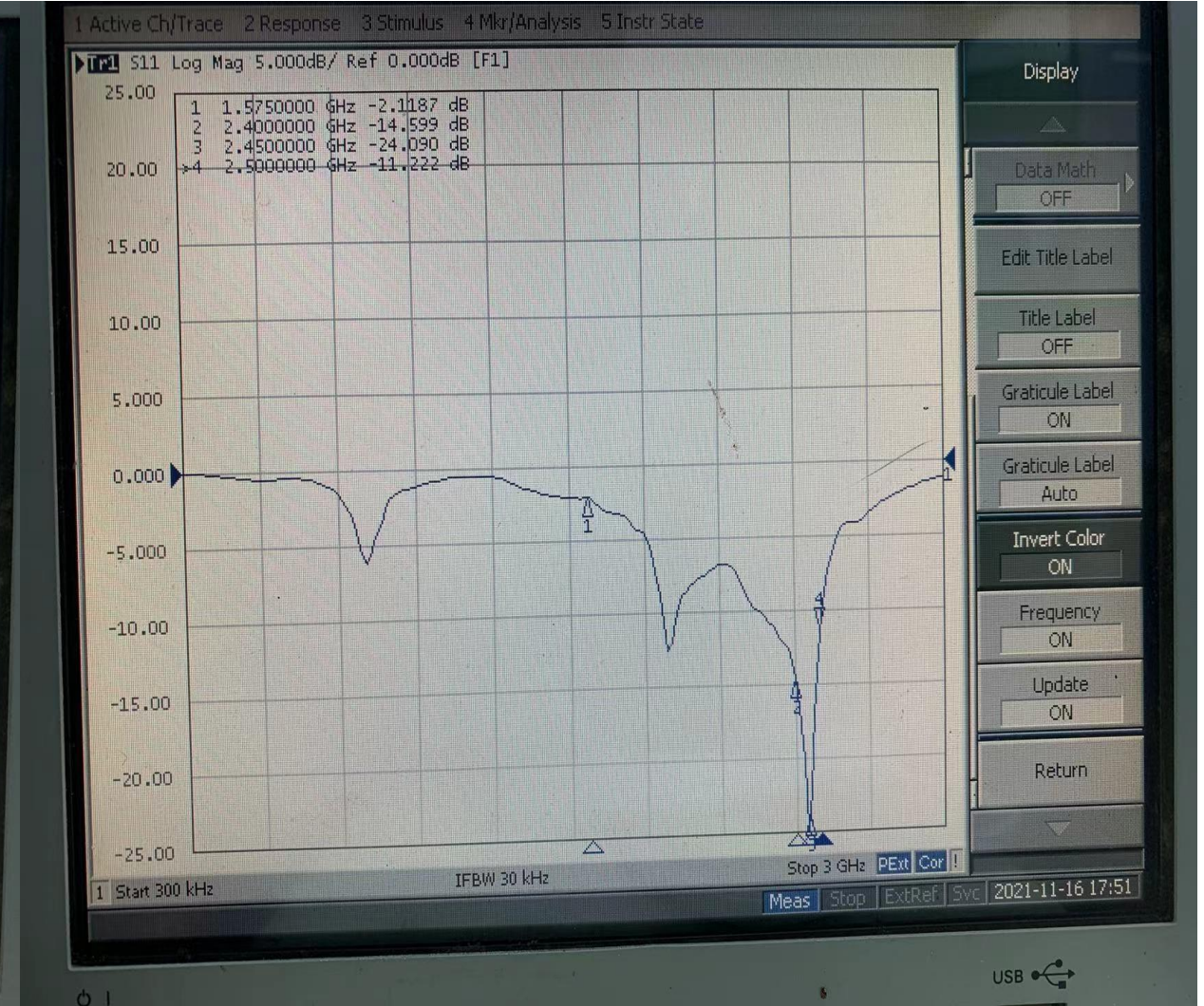
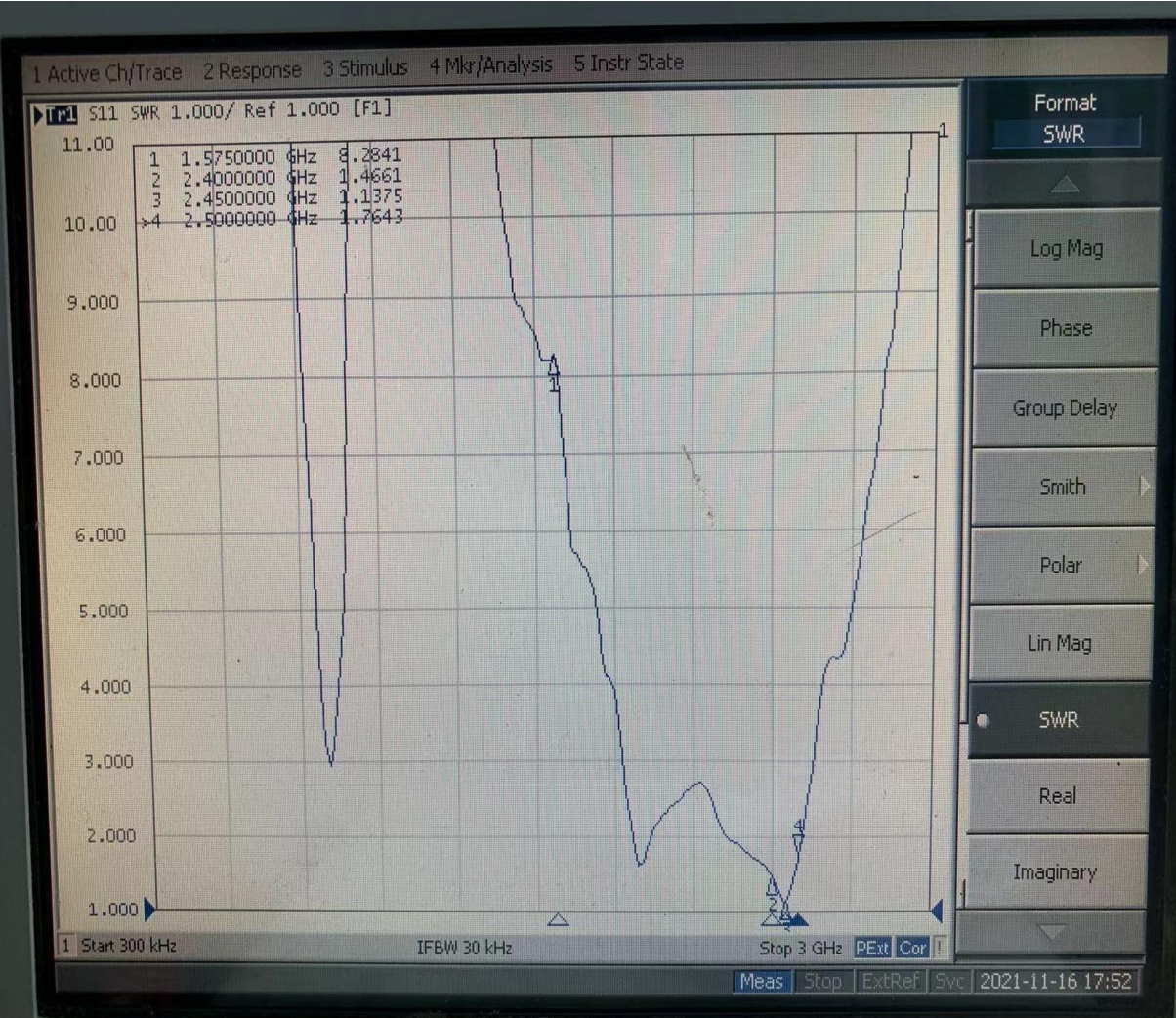


E01	
E02	
E03	

# OTA Passive test data(FT02)

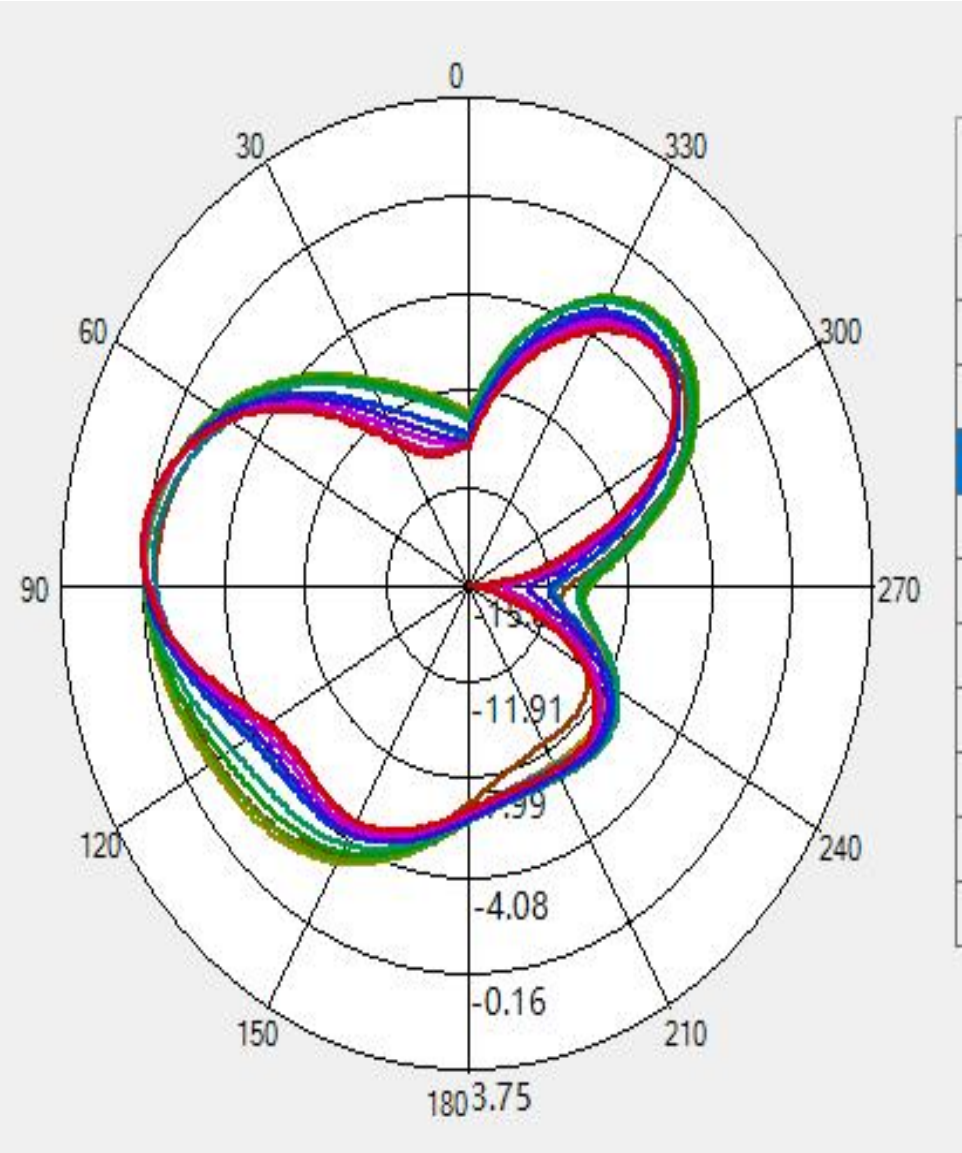
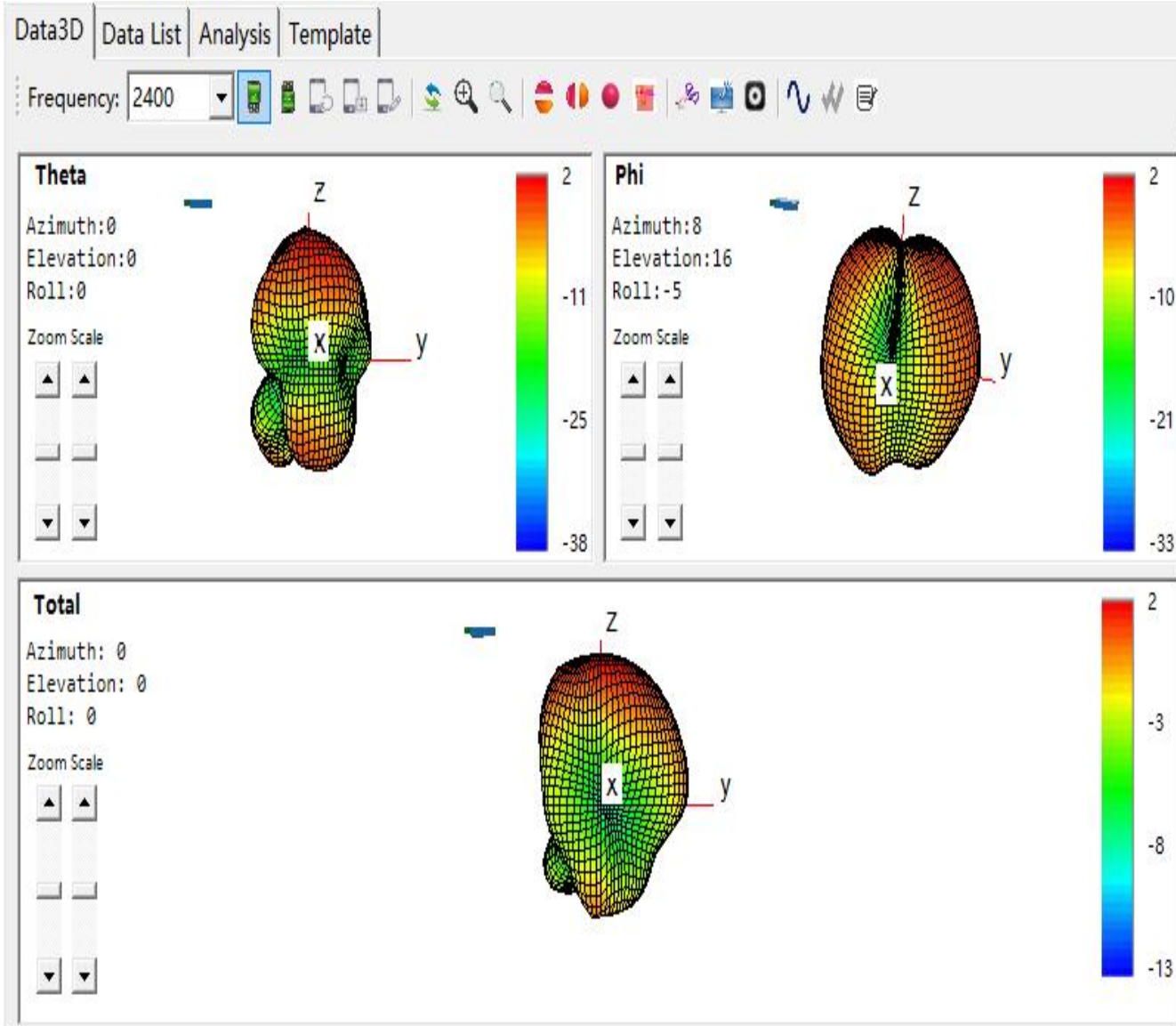
Passive Test For 2.4G			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	42.92	-3.67	2.39
2410	41.65	-3.8	2.45
2420	43.18	-3.65	2.75
2430	45.75	-3.40	2.63
2440	44.06	-3.56	2.53
2450	42.19	-3.75	2.19
2460	43.33	-3.63	2.49
2470	48.67	-3.13	2.33
2480	45.93	-3.38	2.87
2490	41.46	-3.82	2.32
2500	40.58	-3.92	1.83

# Antenna passive loss and standing wave(FT02)

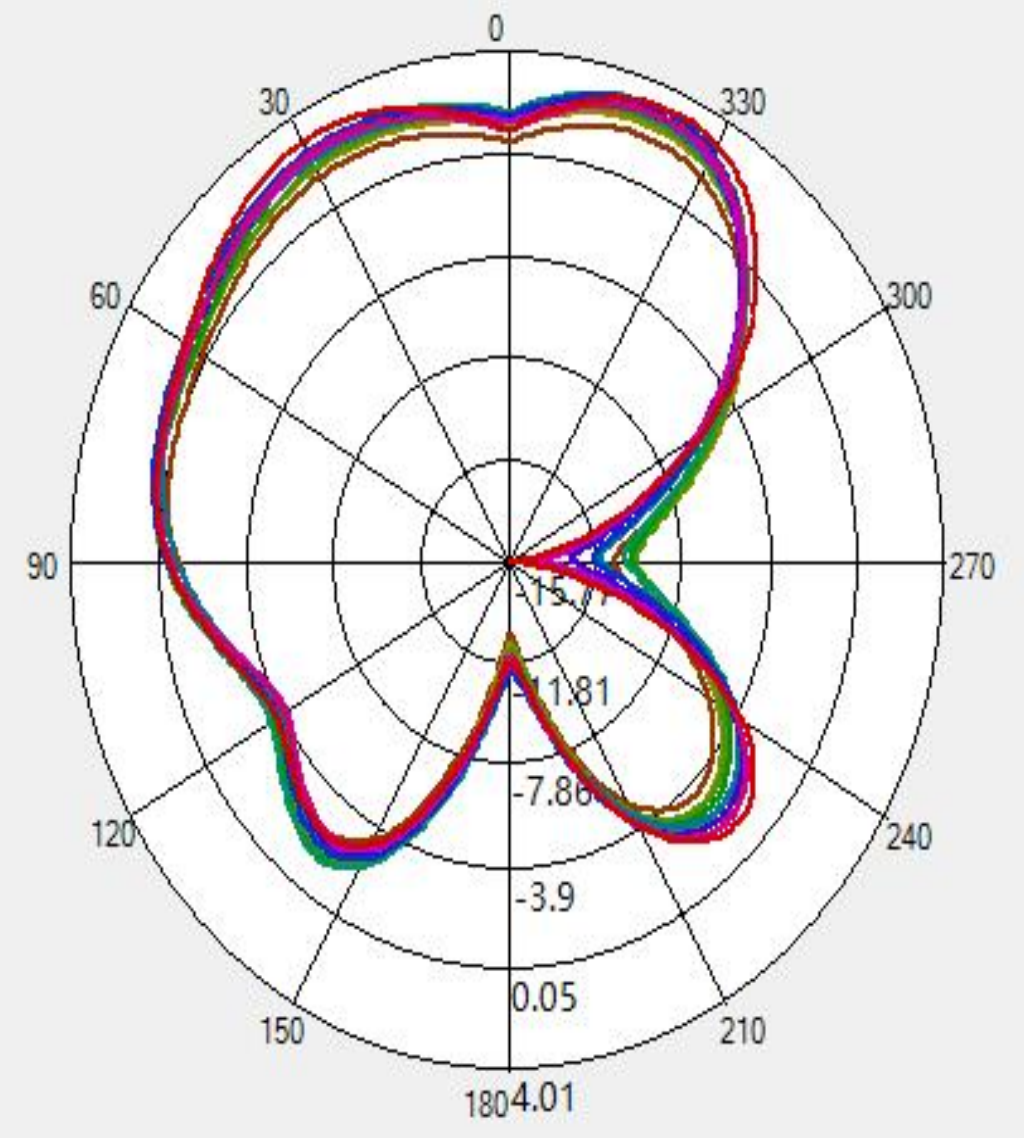
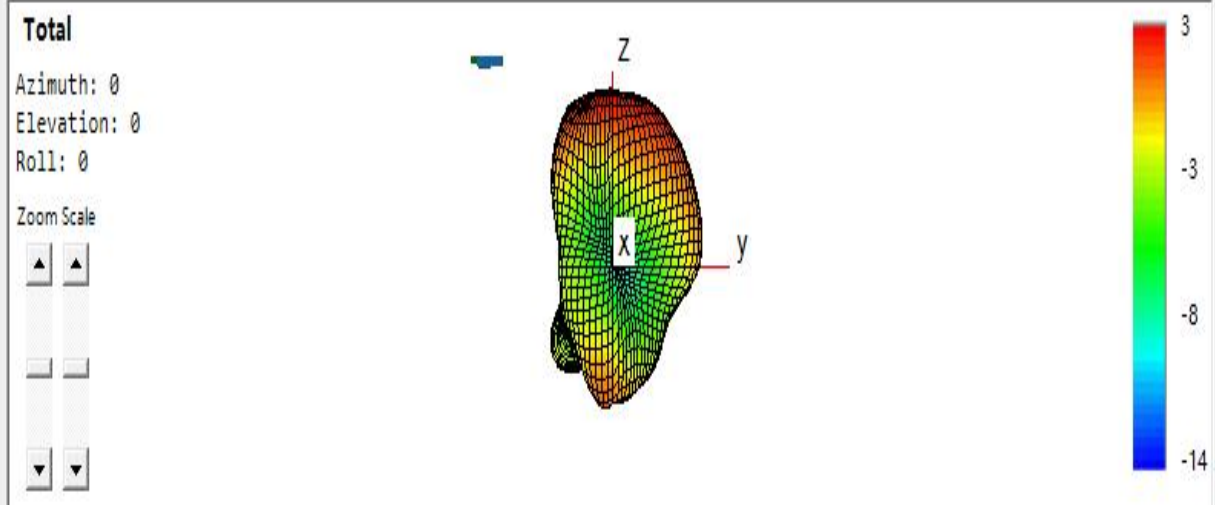
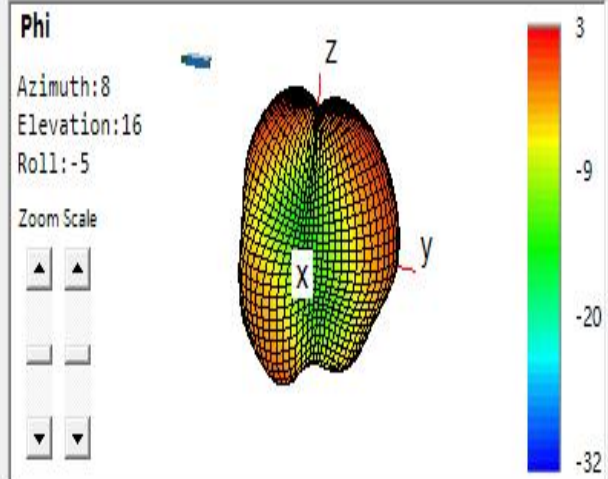
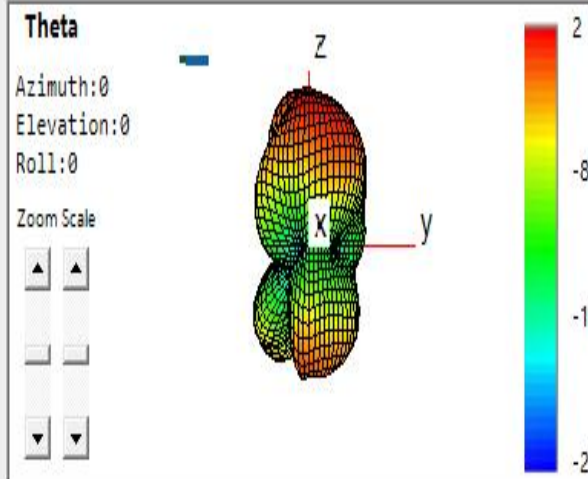




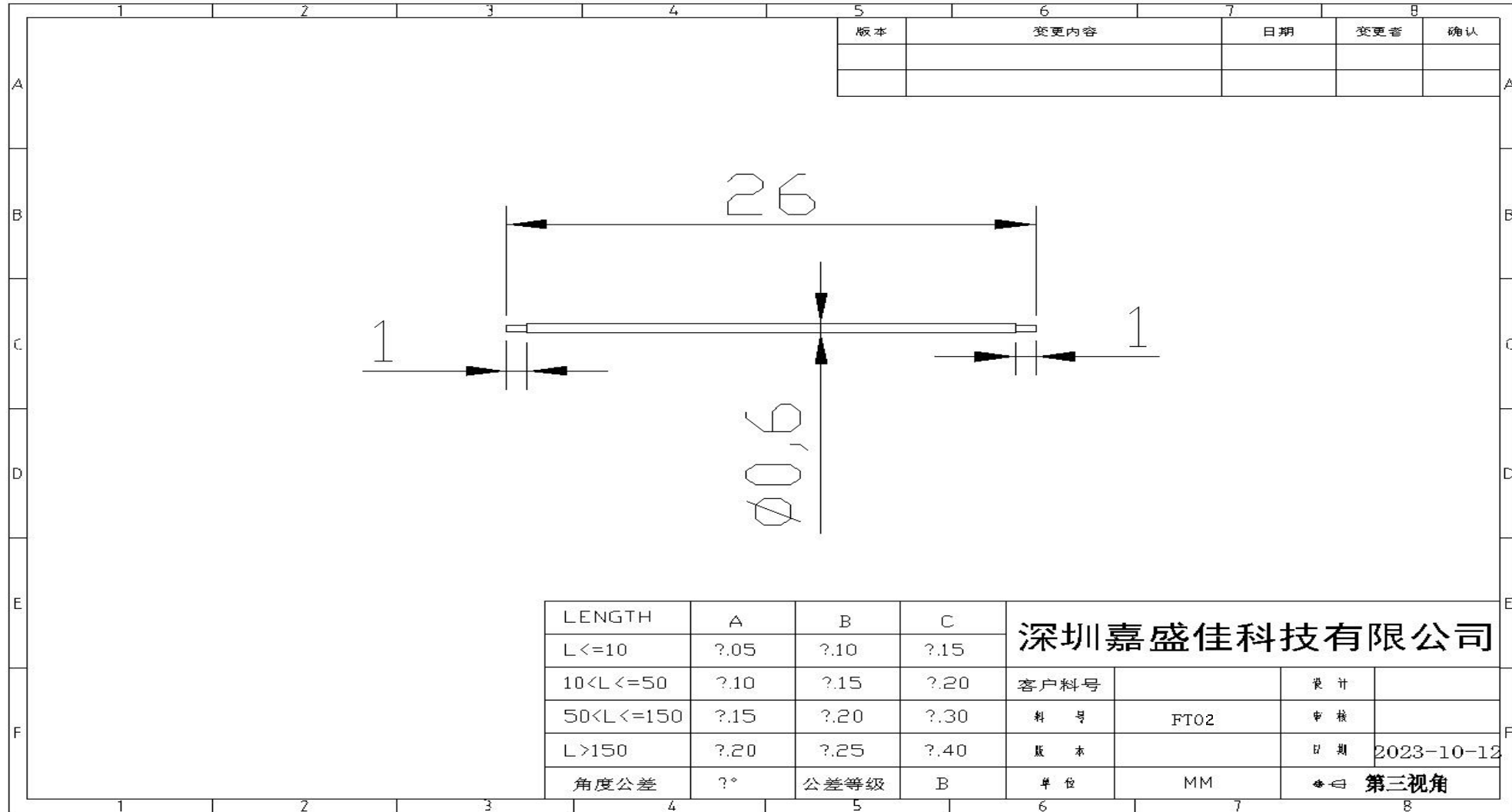
# Antenna pattern(FT02)



Frequency: 2480



# Antenna size specification(FT02)



THANK YOU



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