

Shenzhen jiashengjia Technology Co., Ltd

Antenna Test Report



日期：2023年10月10日

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1.Introduction to project debugging

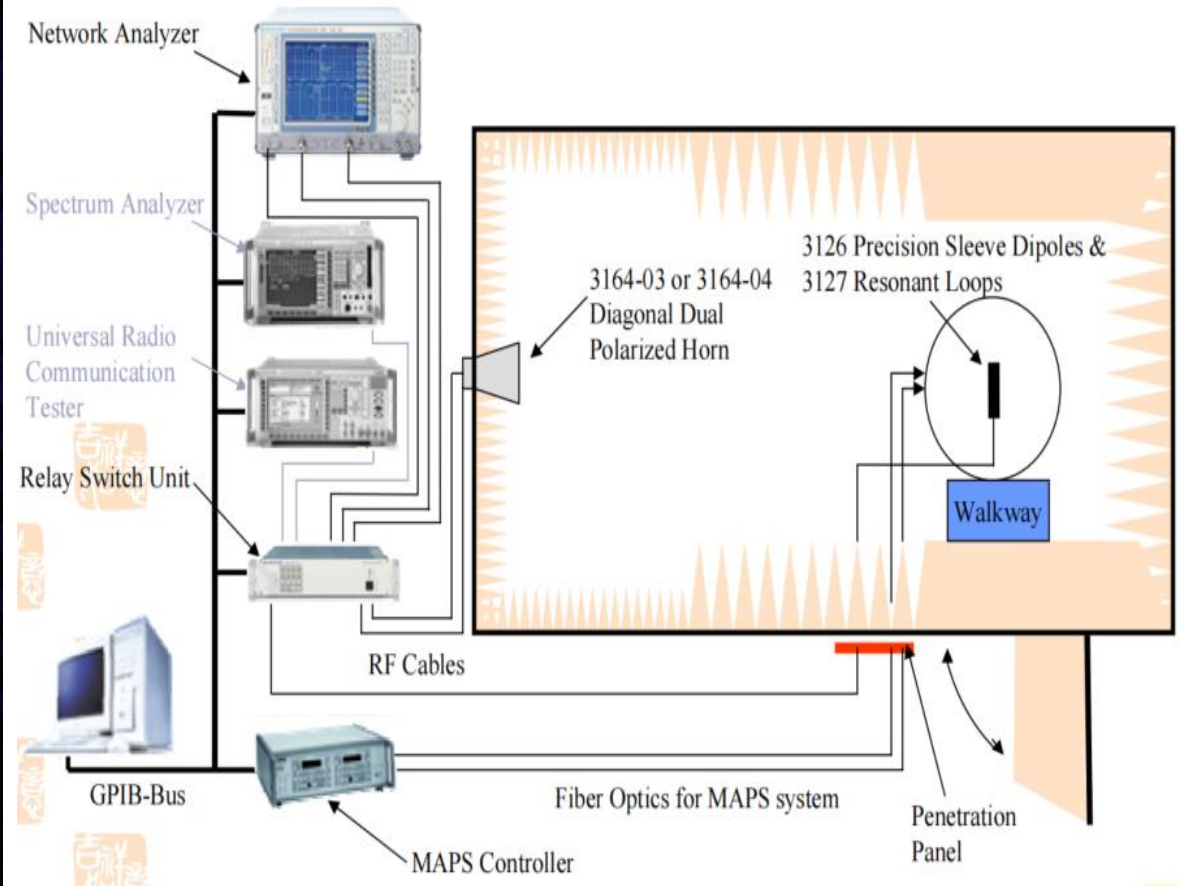
Client name		富途创新		Project name		FT02	
Machine type		智能手环		Antenna material		Cable	
Antenna generalization	Main antenna	Antenna band		Antenna state	Antenna region	Antenna form	Whether the antenna configuration is changed
	Other antennas	Bluetooth antenna	2.4GHz-2.5GHz	sample			否

2.Contact information for project leader

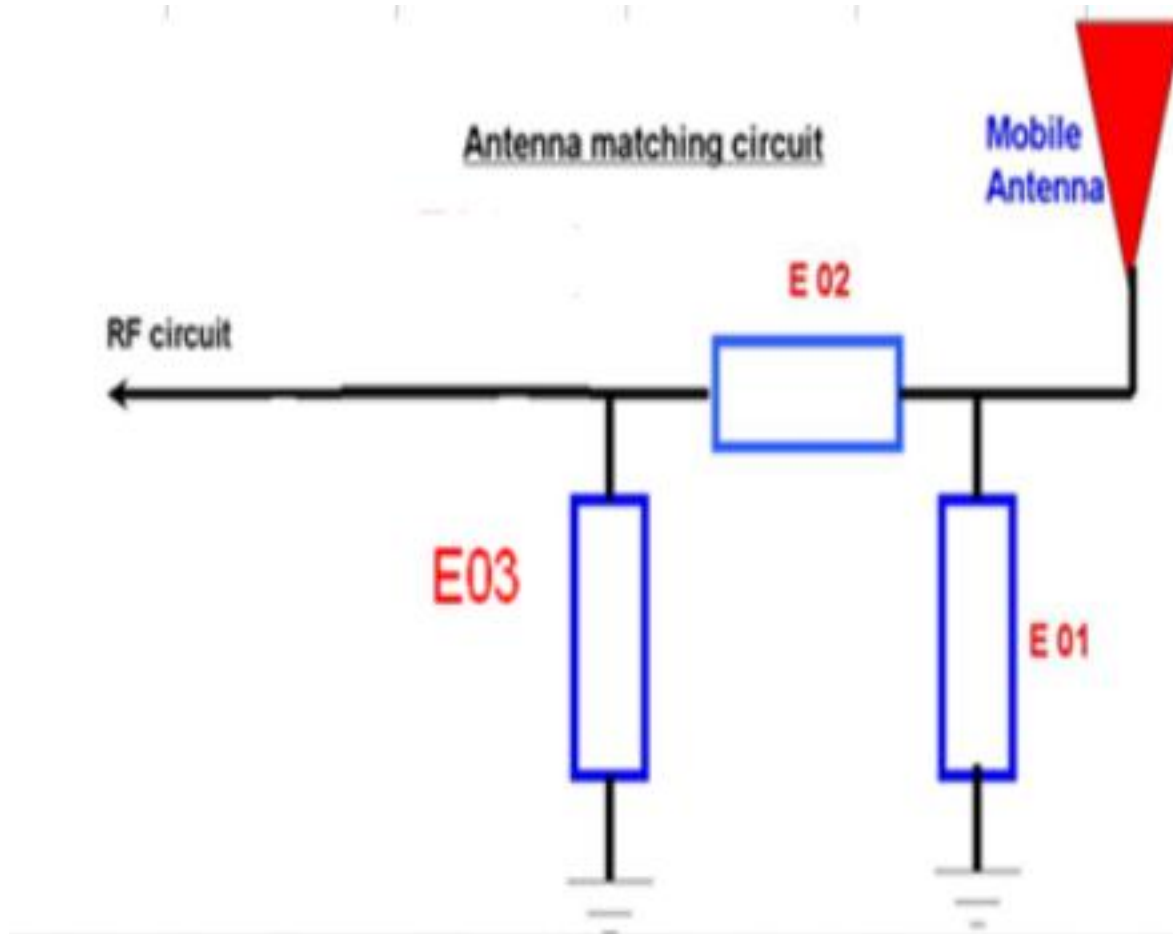
Sales engineer	Wu Sheng	15013792335	szjsj01@163.com

3. Test environment

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



4. Antenna matching circuit

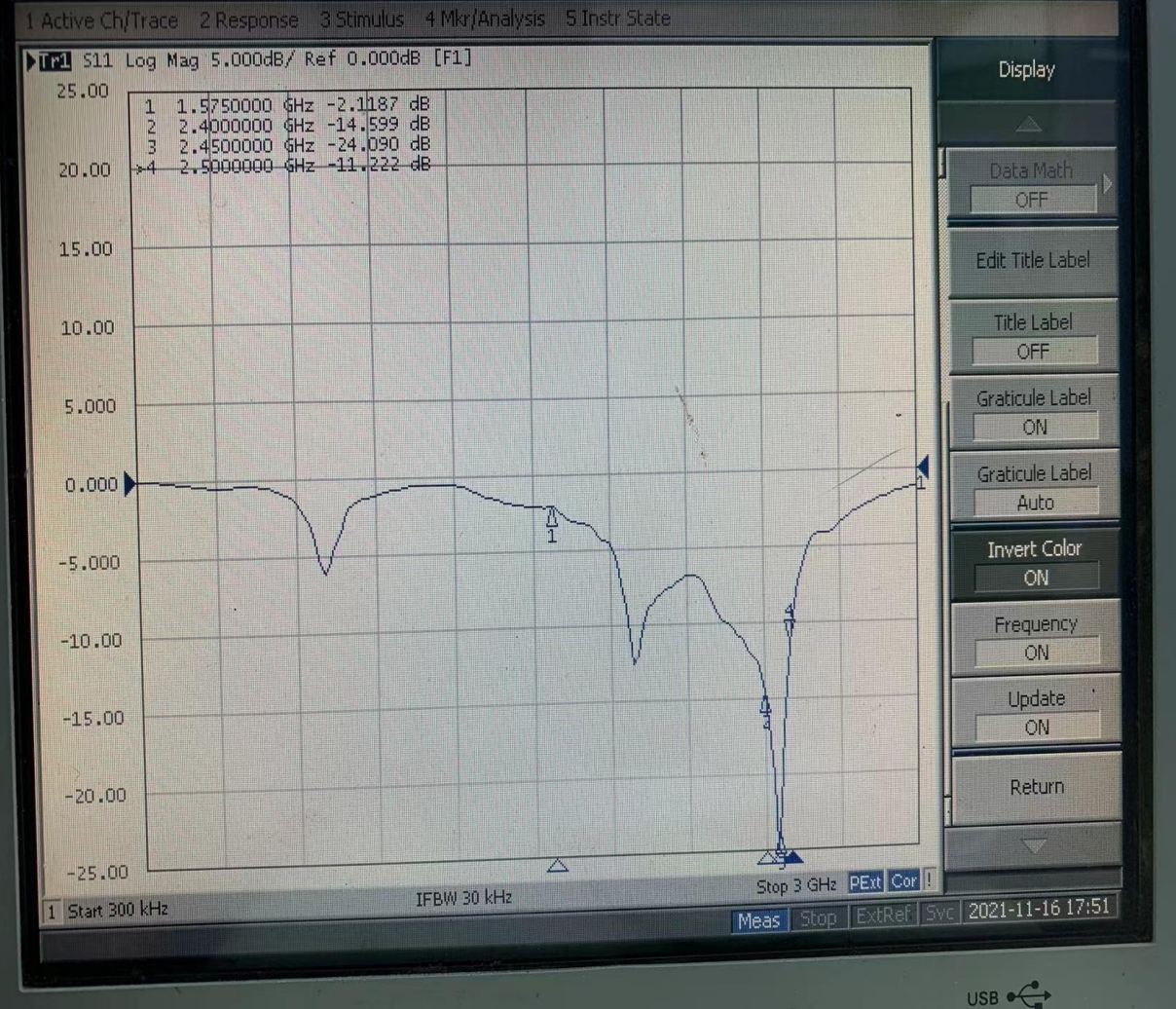
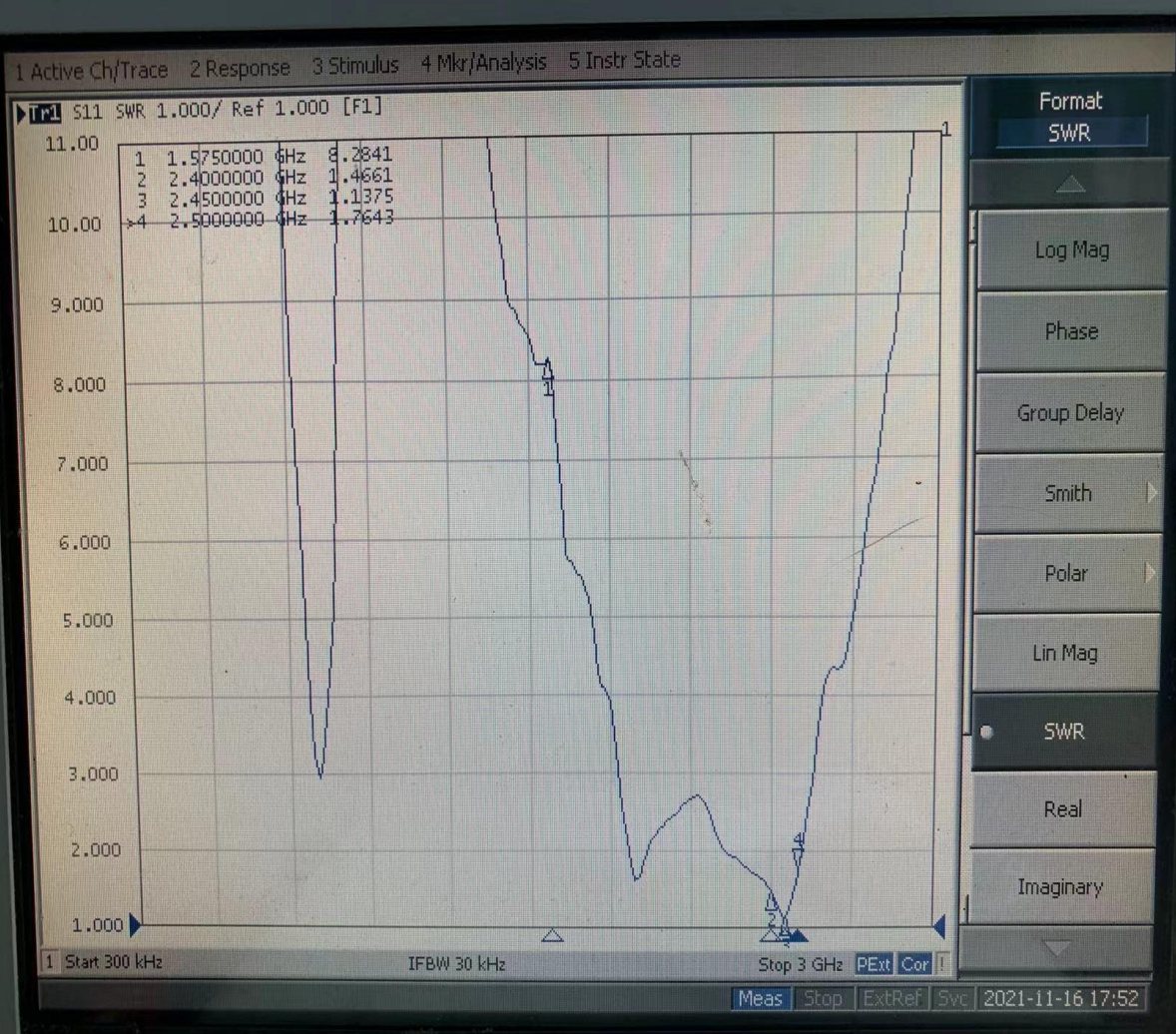


E01	
E02	
E03	

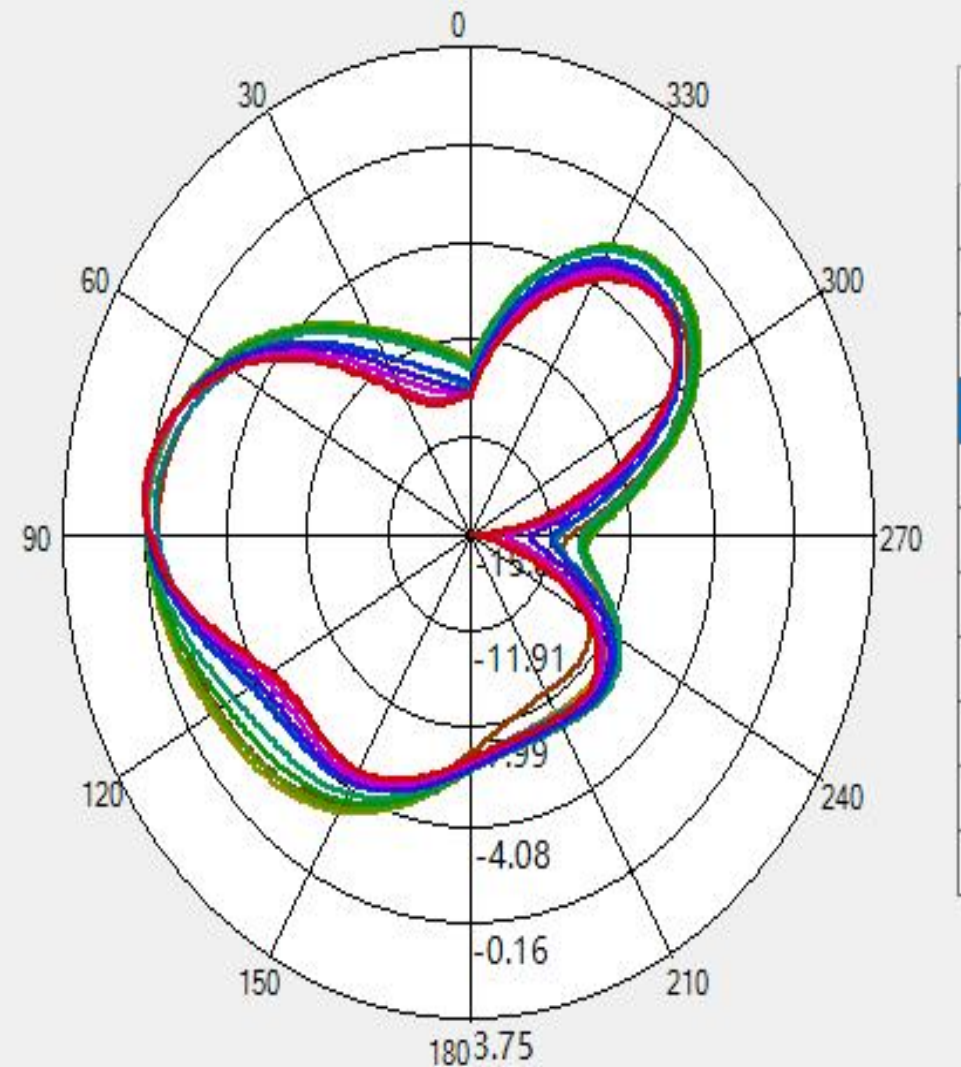
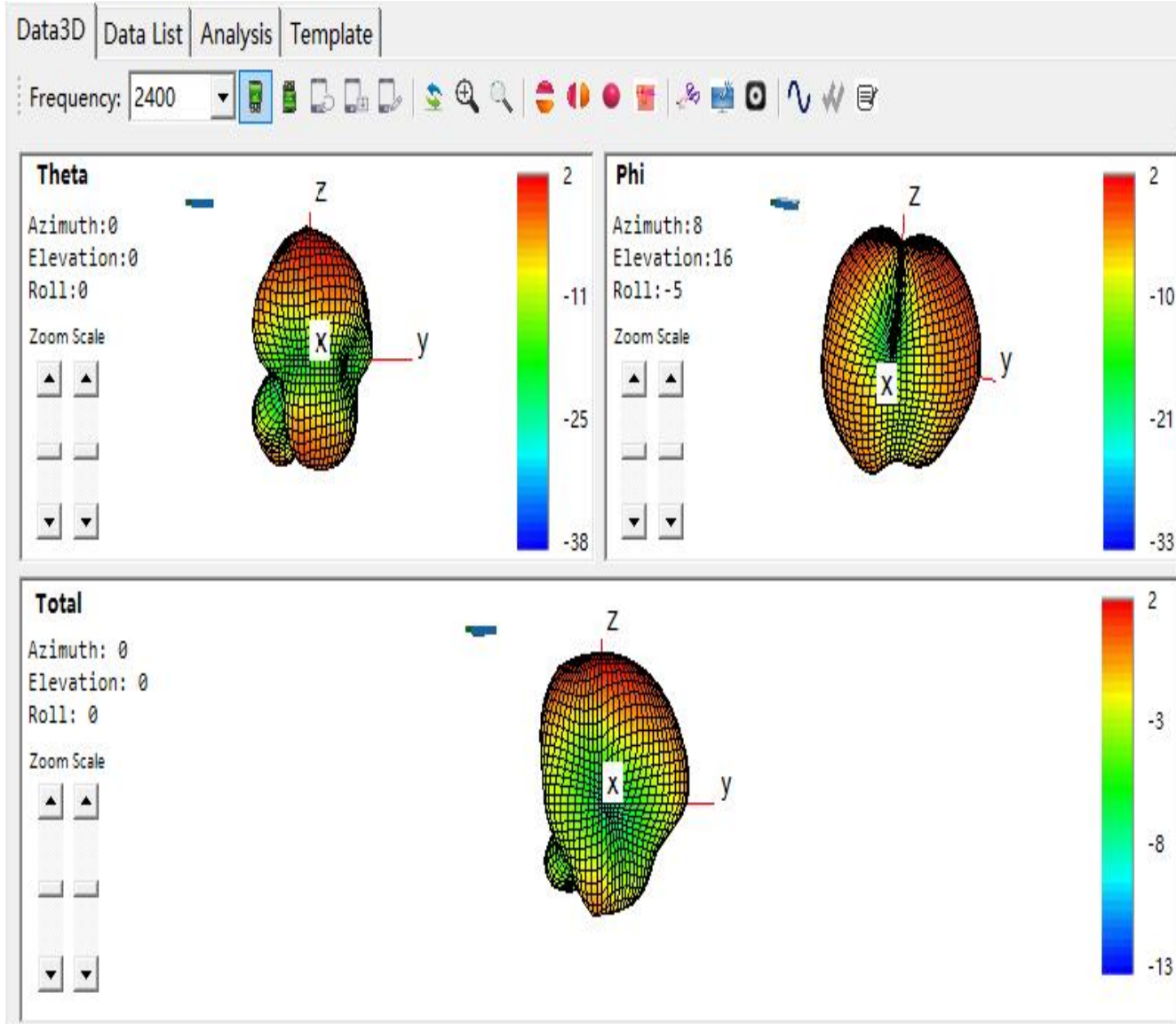
OTA Passive test data(FT02)

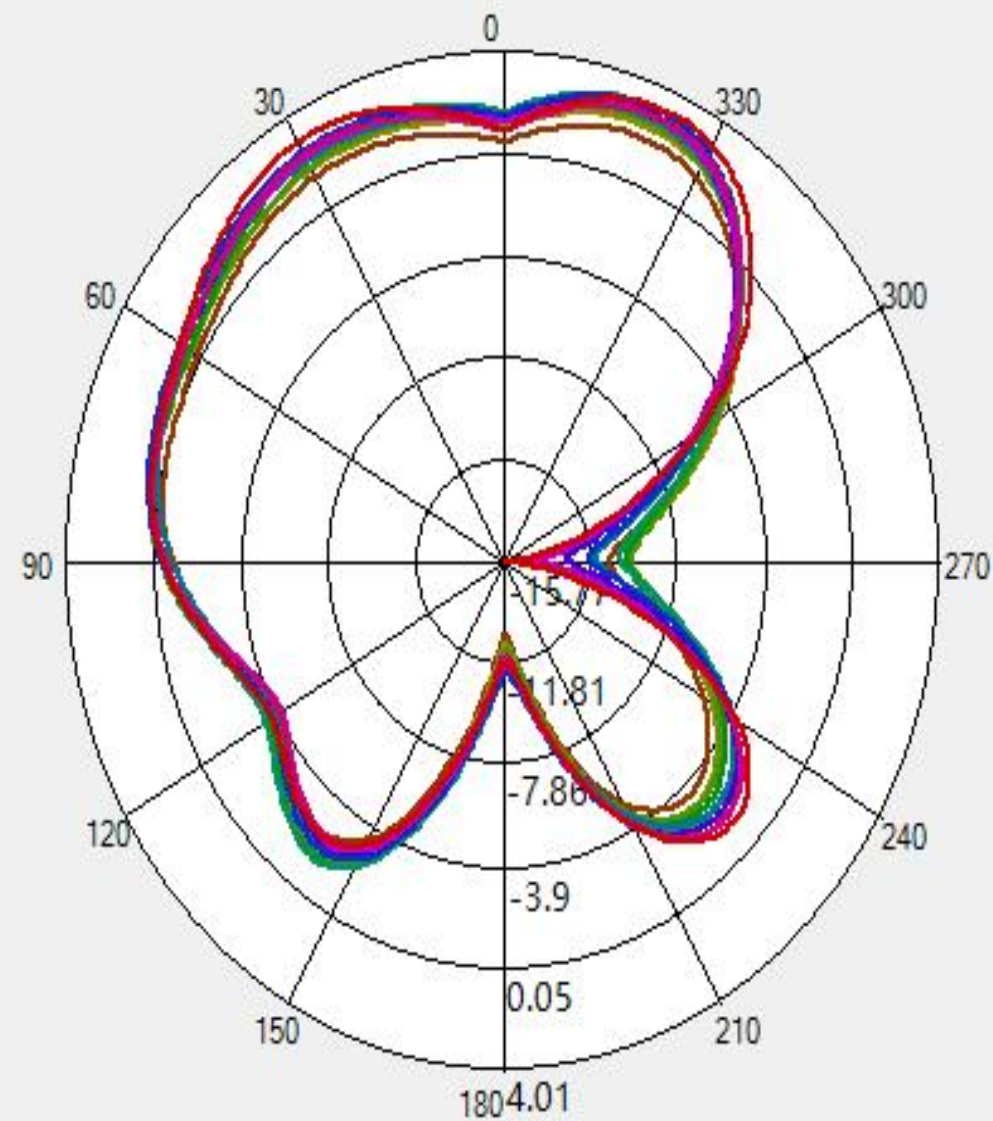
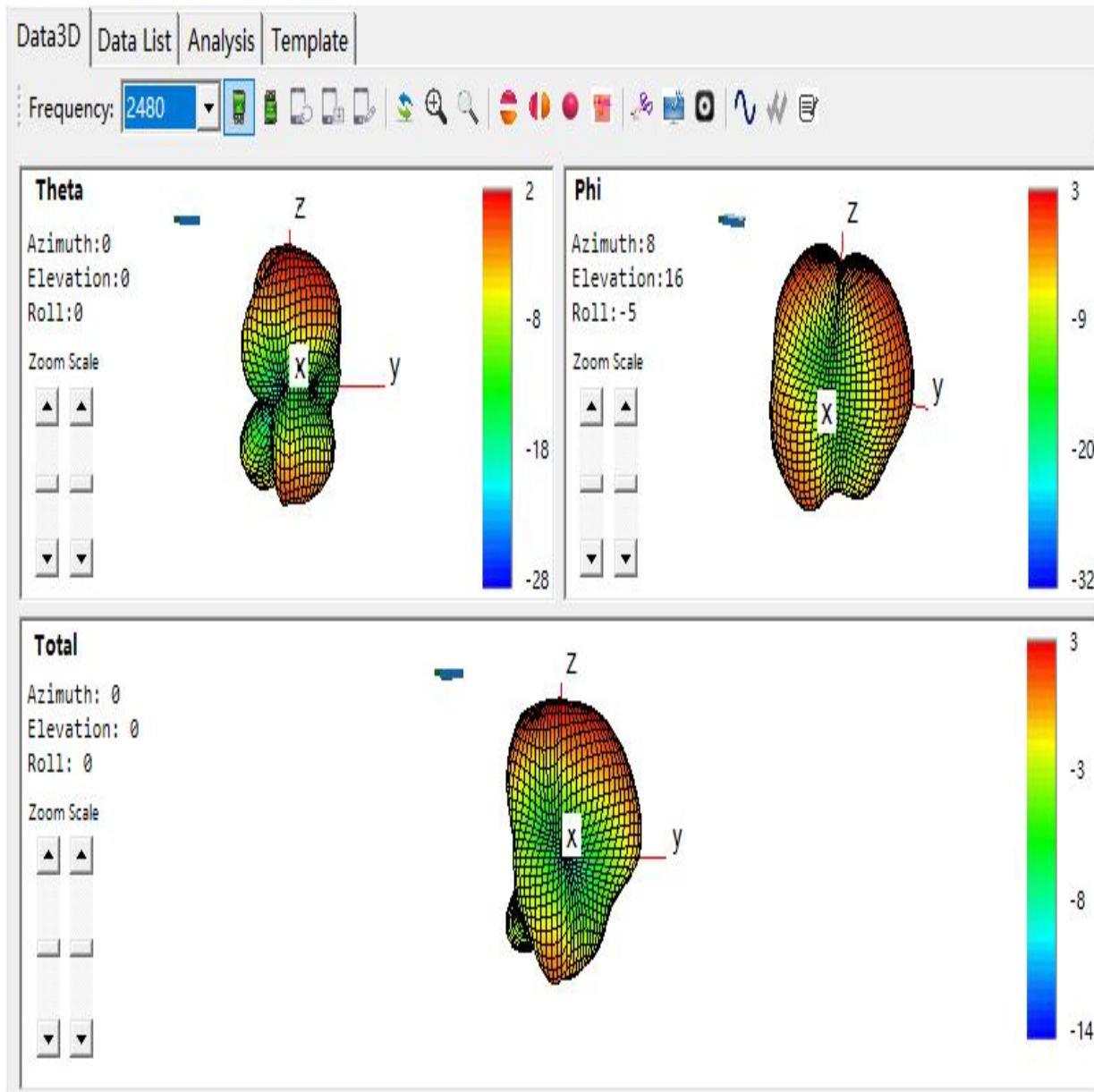
Passive Test For 2.4G			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	42.92	-3.67	2.39
2410	41.65	-3.8	2.45
2420	43.18	-3.65	2.75
2430	45.75	-3.40	2.63
2440	44.06	-3.56	2.53
2450	42.19	-3.75	2.19
2460	43.33	-3.63	2.49
2470	48.67	-3.13	2.33
2480	45.93	-3.38	2.87
2490	41.46	-3.82	2.32
2500	40.58	-3.92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

Antenna passive loss and standing wave(FT02)

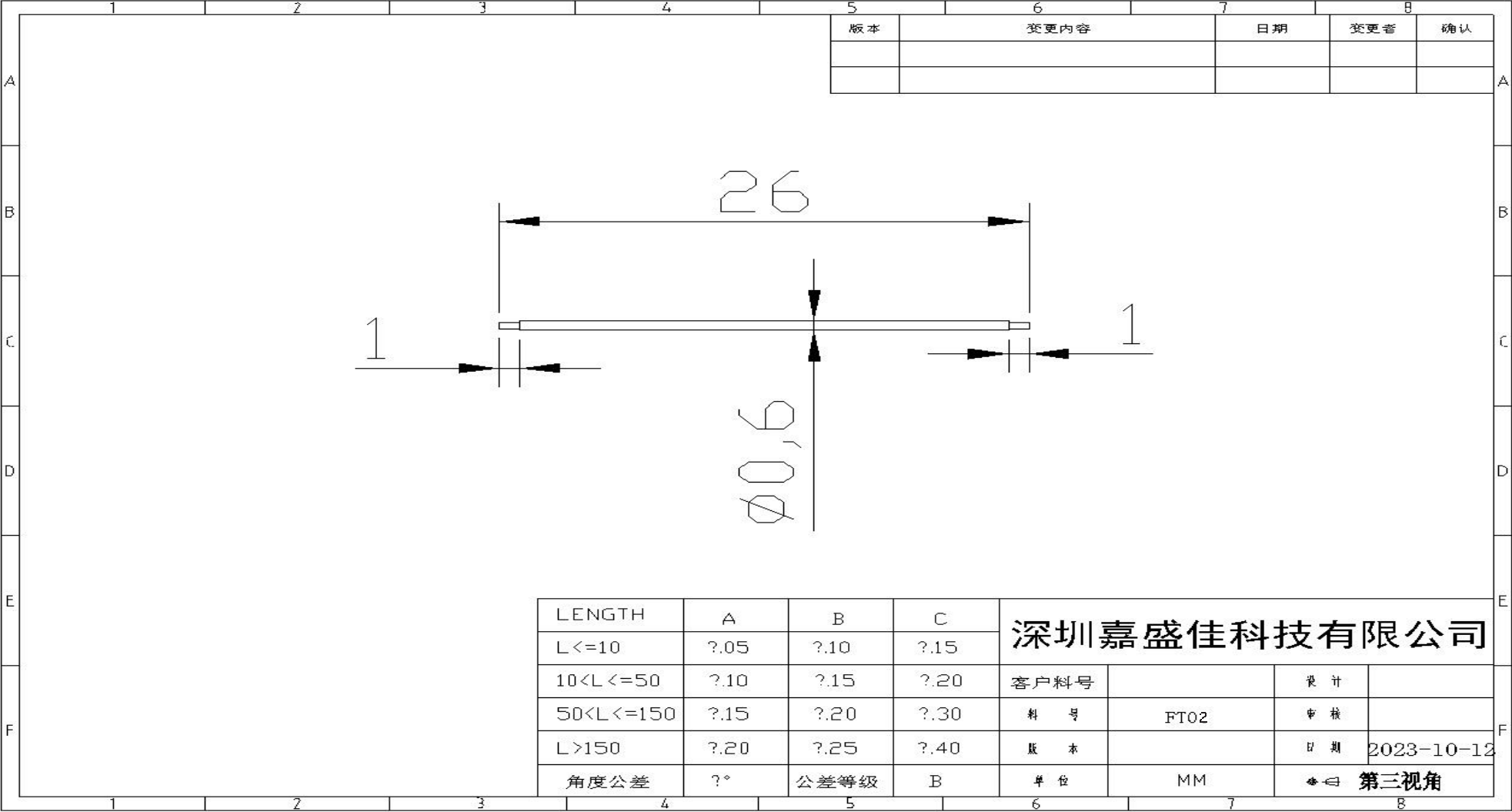


Antenna pattern(FT02)





Antenna size specification(FT02)



THANK YOU



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