

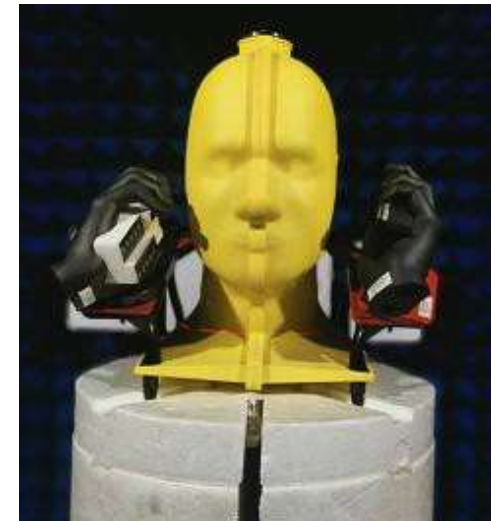
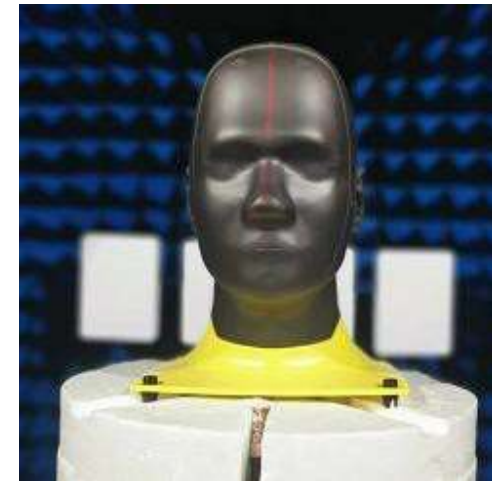
Customer Name	An Sheng	Project Name	TW700
NO	catalogue	Specifications	
1	Frequency band	2.4 G	
2	Project Type	Bluetooth headset	
3	Terminal	/	
4	Feed Point Type	Thimble	
5	Wire length	/	
6	Antenna Type	FPC antenna	
7	Antenna Material	FPC	
8	remark		
RF	Li Liang	18770406282	

catalogue

1. Introduction to the test darkroom
2. Machine pictures
3. Passive standing wave diagram
4. Passive 3D & 2D field pattern diagram
5. Passive efficiency & maximum gain
4. Active 3D & 2D field pattern diagram
5. OTA active

I. Introduction to Test Darkroom

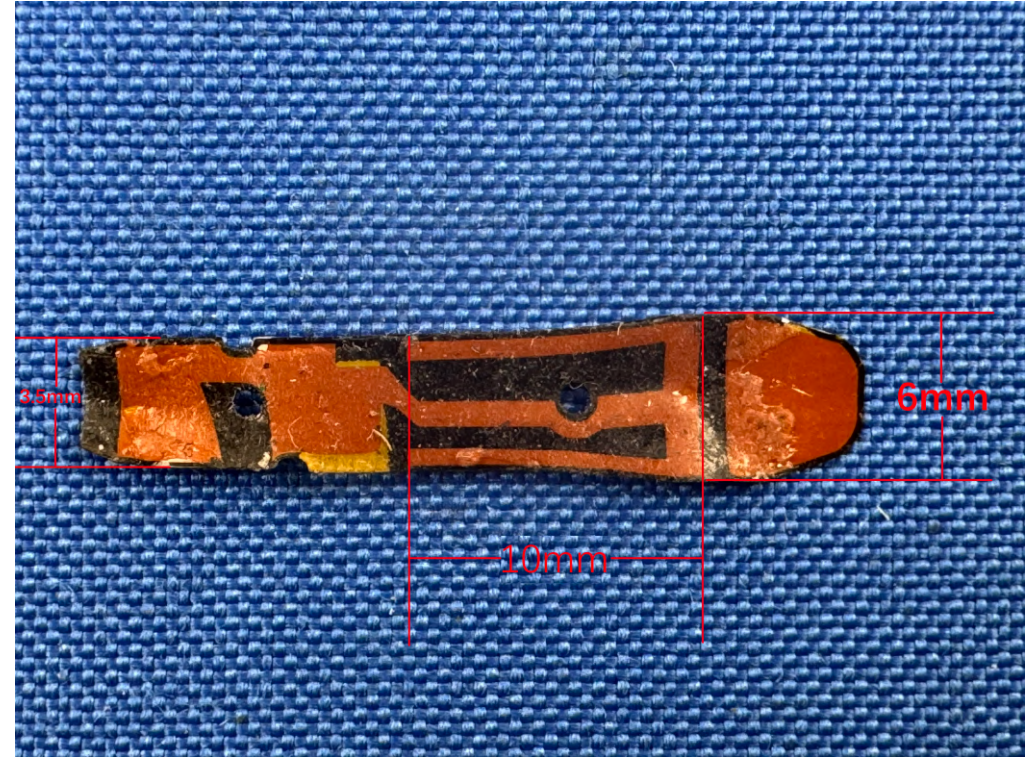
1. Active test: Supports 2.3. 4.5 G standard multi-mode measurement NB-IoT, eMTC, CAT-1, Bluetooth1-5, WIFI802.11 abgn, measurable TRP TIS
2. Passive testing: testable gain, efficiency
3. TWS headset test head die Complete set of human head and hand



2. Machine pictures

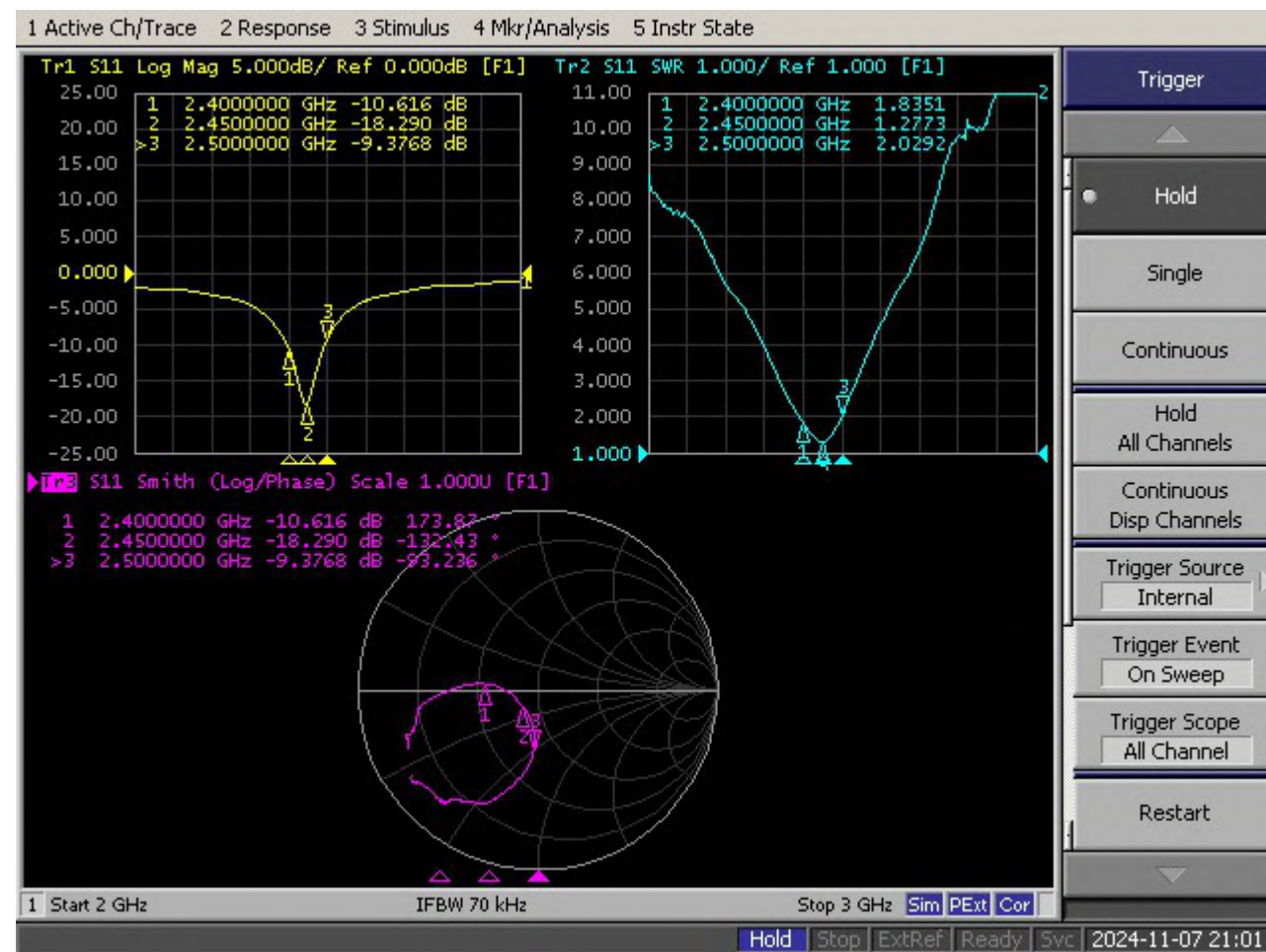


Antenna size

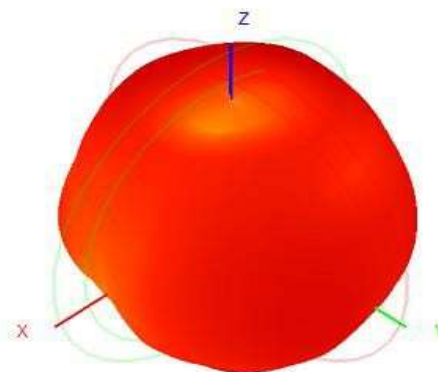


3. Passive standing wave diagram

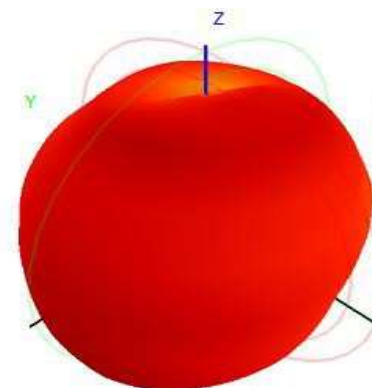
1. Return Loss & VSWR



4. Passive 3D & 2D field pattern diagram

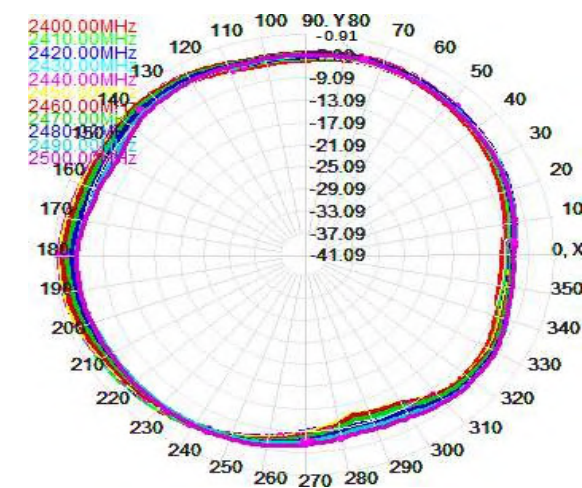
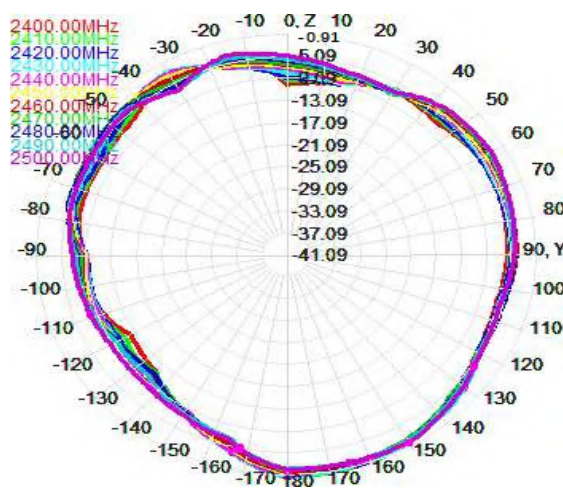
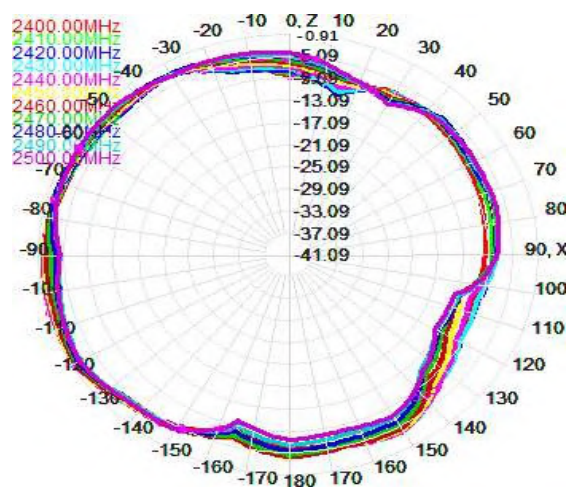


E1 (XZ)



E2 (YZ)

H (XY)

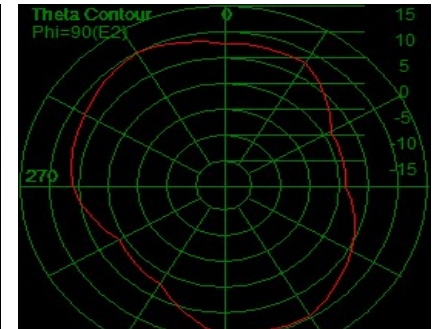
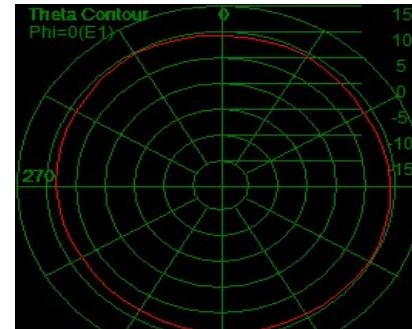
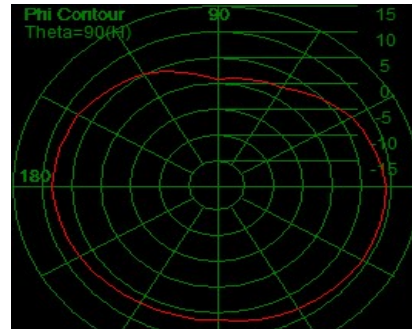
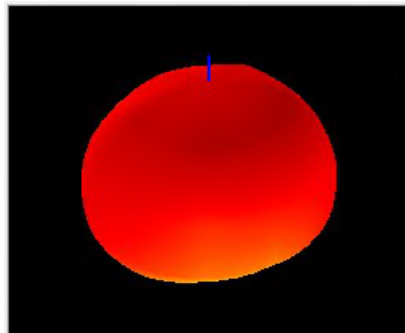


V. Passive Efficiency & Maximum Gain

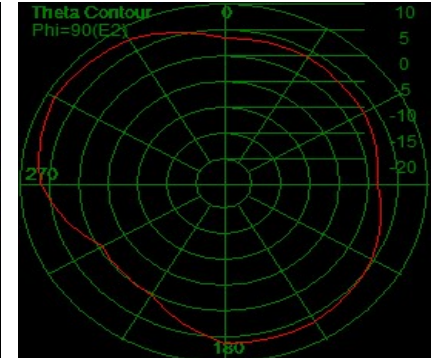
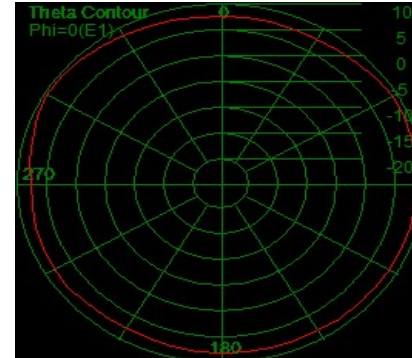
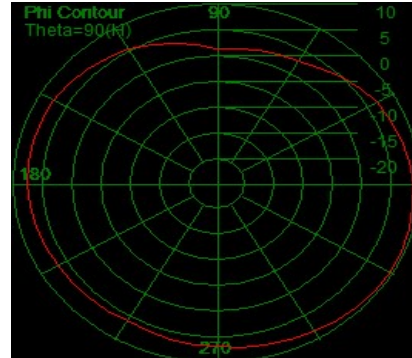
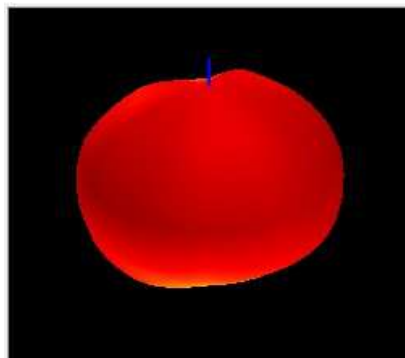
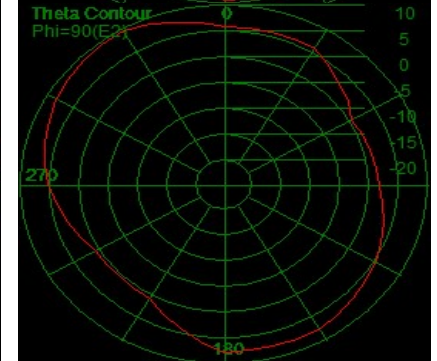
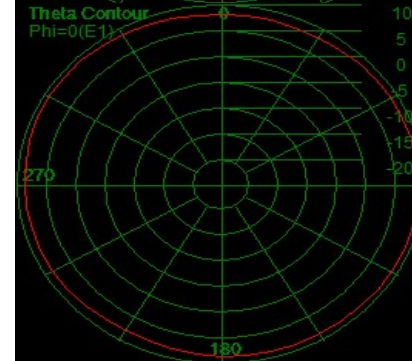
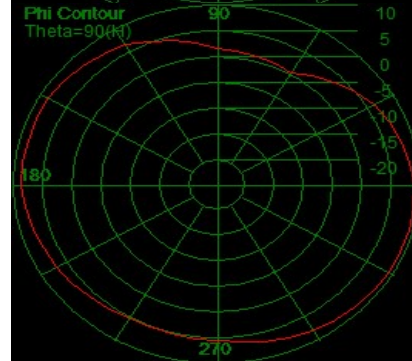
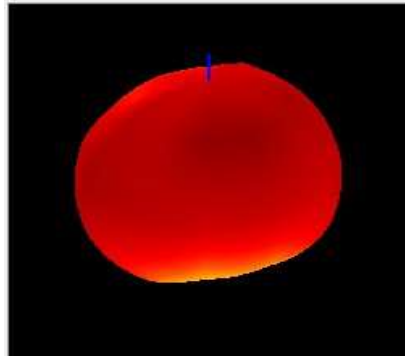
Freq (MHz)	Effi (%)	Gain (dBi)
2400	27.19	-1.36
2410	29.06	-1.09
2420	30.00	-1.12
2430	31.73	-1.03
2440	31.72	-0.91
2450	31.27	-0.97
2460	31.38	-1.09
2470	30.53	-1.41
2480	30.22	-1.68
2490	28.82	-2.07
2500	29.21	-2.10

6. Active 3D & 2D Field Pattern-TRP (Free Space)0

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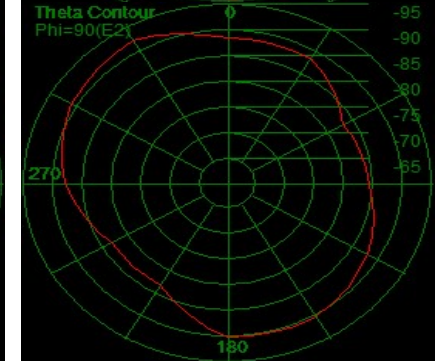
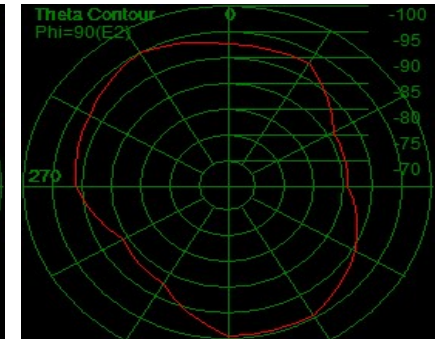
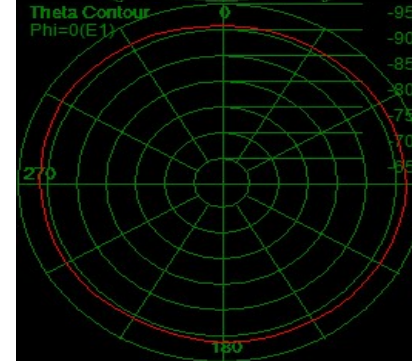
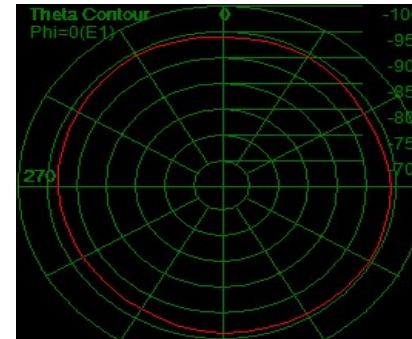
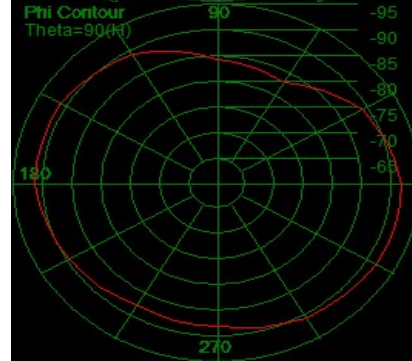
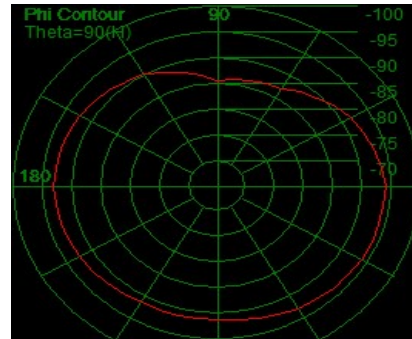
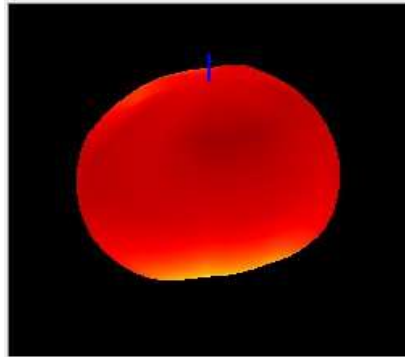
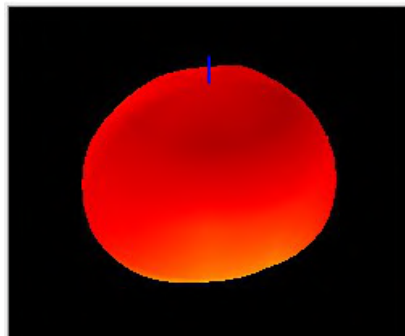


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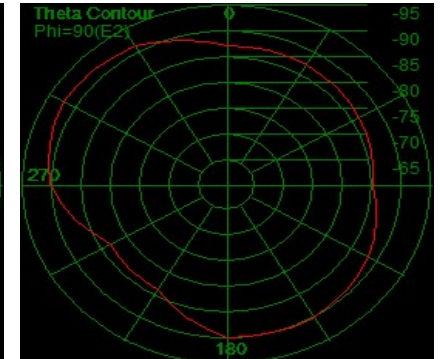
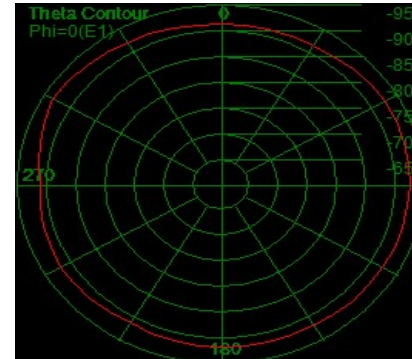
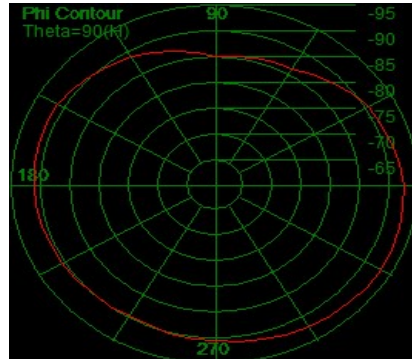
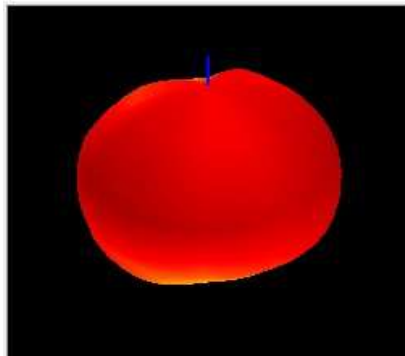


6. Active 3D & 2D field pattern diagram-TIS (free space)0

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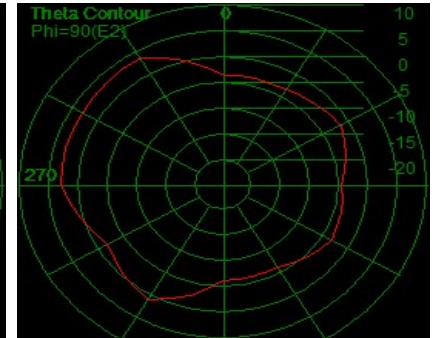
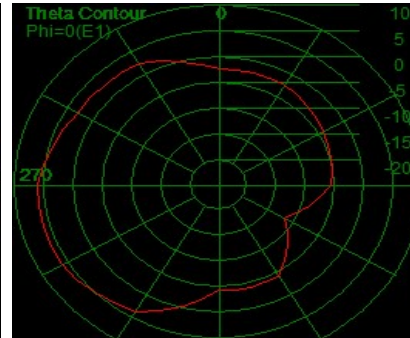
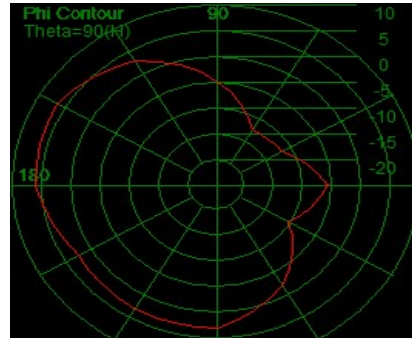
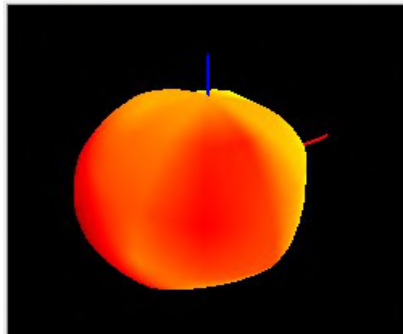


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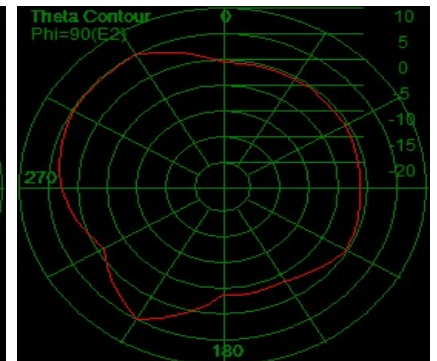
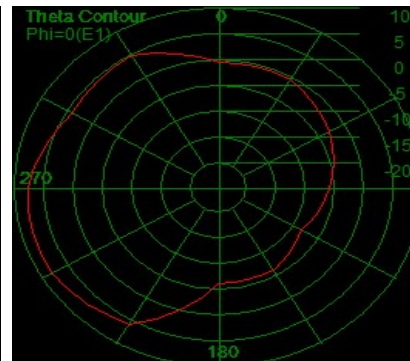
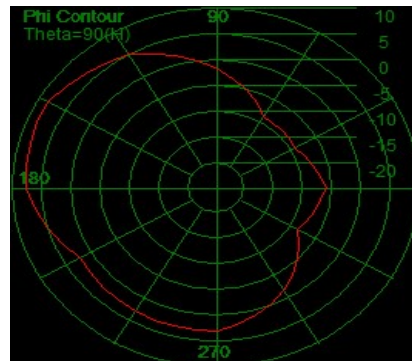
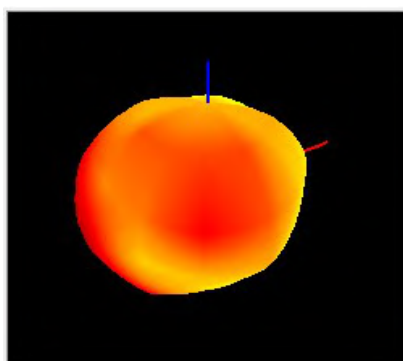
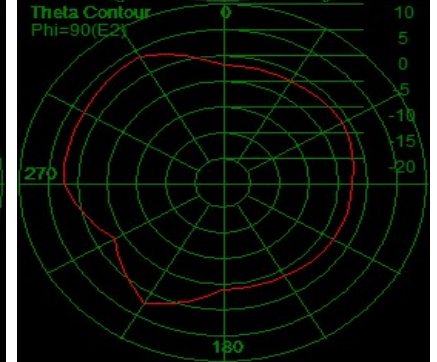
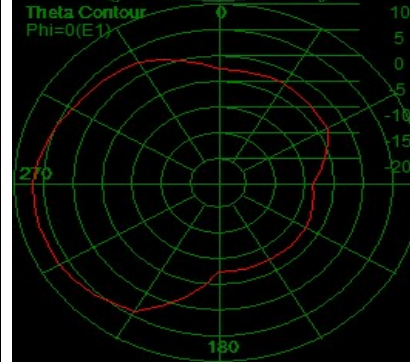
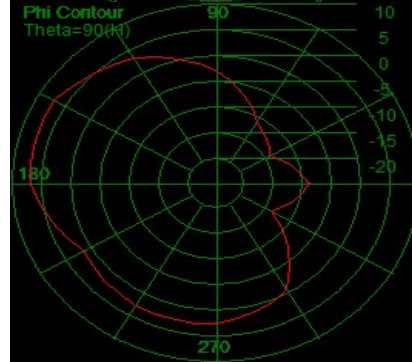
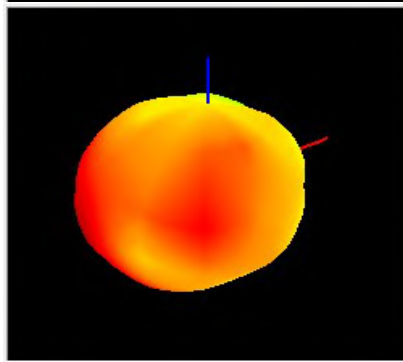


6. Active 3D & 2D Field Pattern-TRP (Head Mode)0

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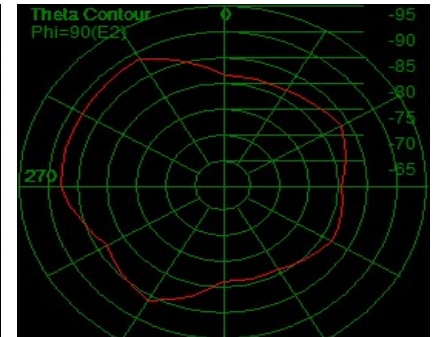
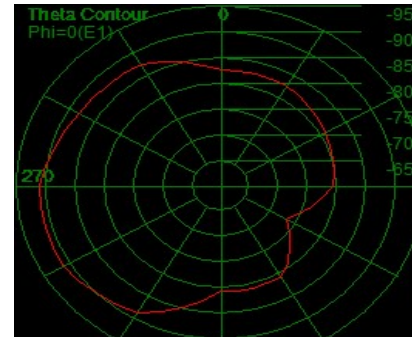
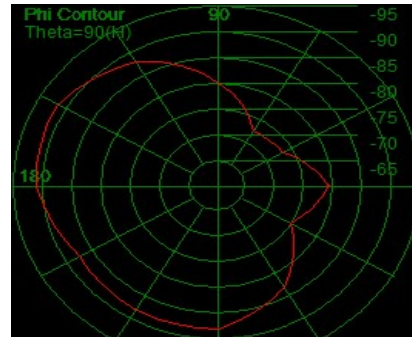
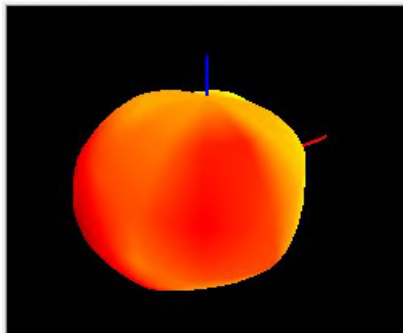


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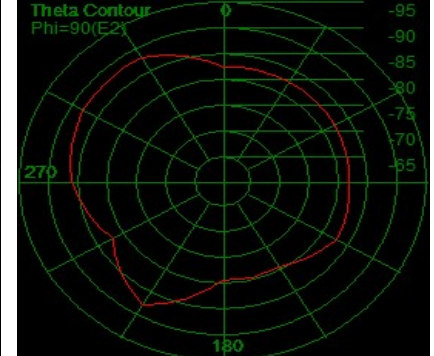
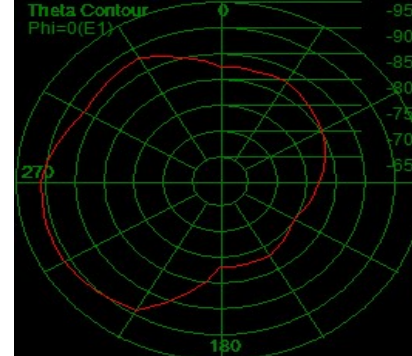
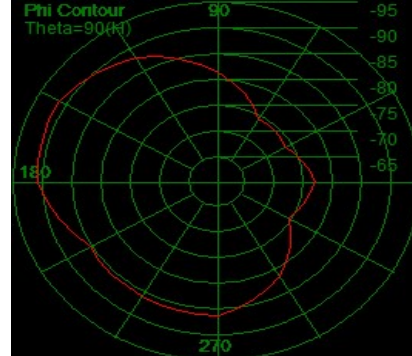
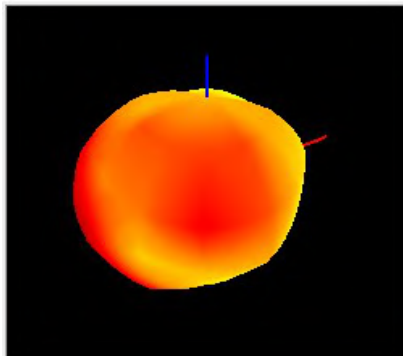
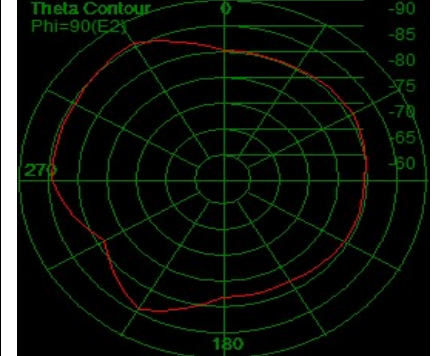
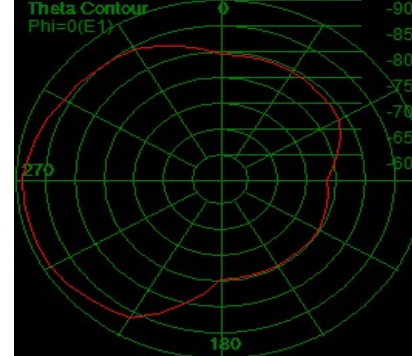
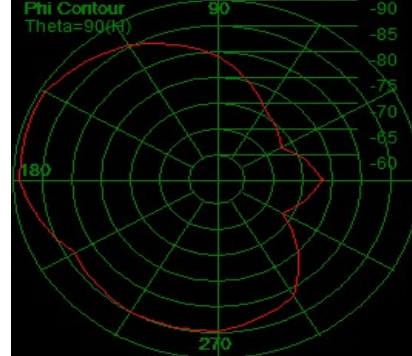
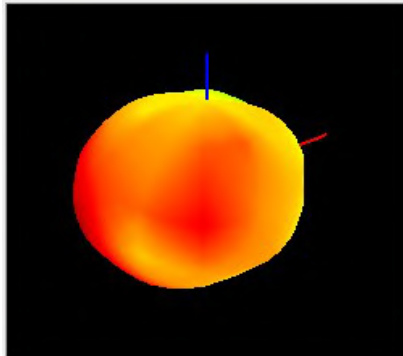


6. Active 3D & 2D field pattern diagram-TIS (head mode)0

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Thank you

□ Shenzhen Dingshe Technology Co.,
Ltd

U 605, Building 2, Gaoxinqi Phase II, Longchang Road, Xin'an Street, Baoan District,
Shenzhen

-RF: Li Liang 18770406282