

Xinhengyang Antenna Test Data Report

Customer Name	Anfu Youyou	Project Name	AFU0099
U	Proj	Hsiang	
1	frequ	2400-2500MHZ	
2	Project Type	Pet food dispenser	
3	Ter	Generation	
4	Feed Point Type	doubly-fed	
5	Line	Wire diameter: 1.13 L = 170MM	
6	Antenna Type	PIFA	
7	Antenna Material	FPC	
8	Rem		



Manufacturer : Shenzhen Xinhengyang Technology Co., Ltd.

Room 7A-909, 8th Floor, West Block, Kanghe Sheng Building, No.1 Xili Chuangsheng Road, Nanshan District, Shenzhen

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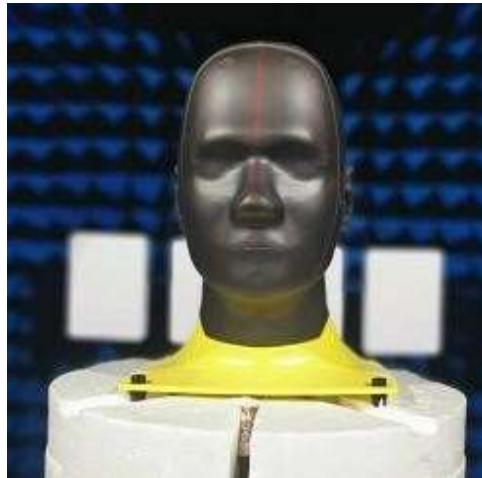
1. Introduction to Test Darkroom

1. Active test: support 2.3.4.5G standard multi-mode measurement NB-IoT, eMTC,CAT-

1,Bluetooth1-5 ,WIFI 802.11 abgn, measurable TRP TIS

2. Passive test: can test gain, efficiency

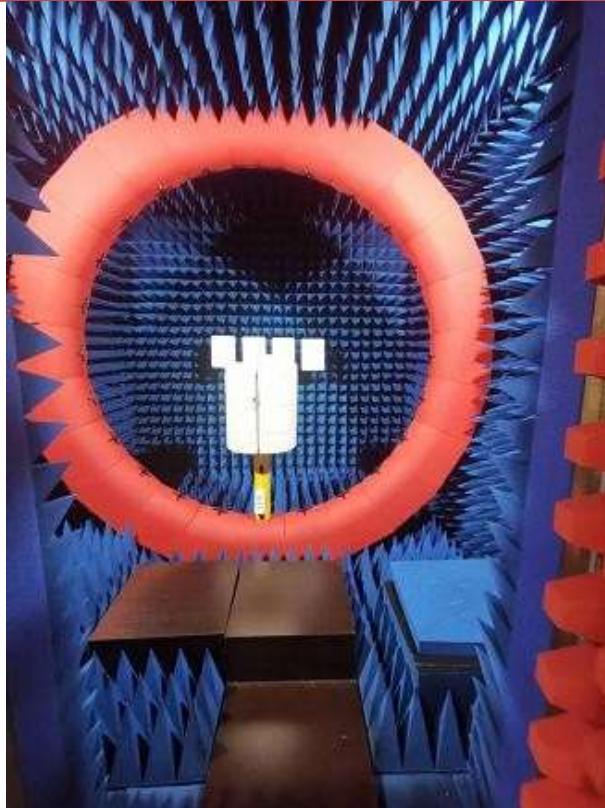
3.TWS Headset Test Head Model Full Head Hand





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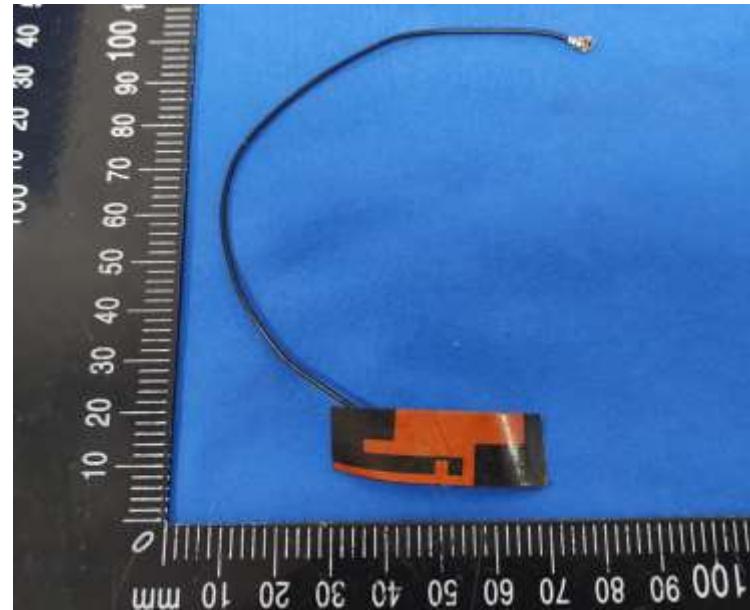


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2 Antenna picture

Antenna Length: 14mm x 35mm
Wire diameter: 1.13 L = 170mm





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3 Antenna assembly



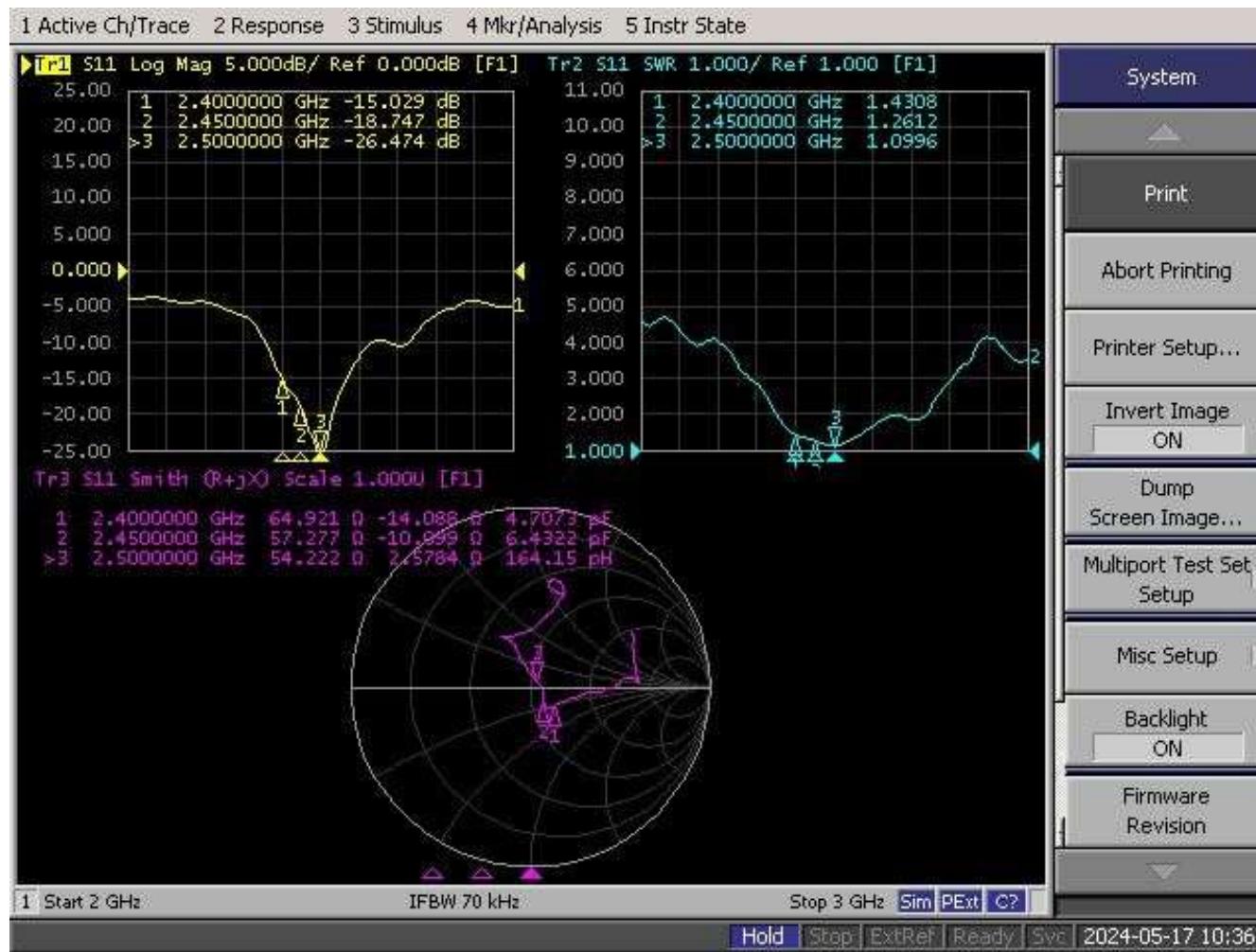
Antenna assembly
as shown



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4 passive standing wave diagram

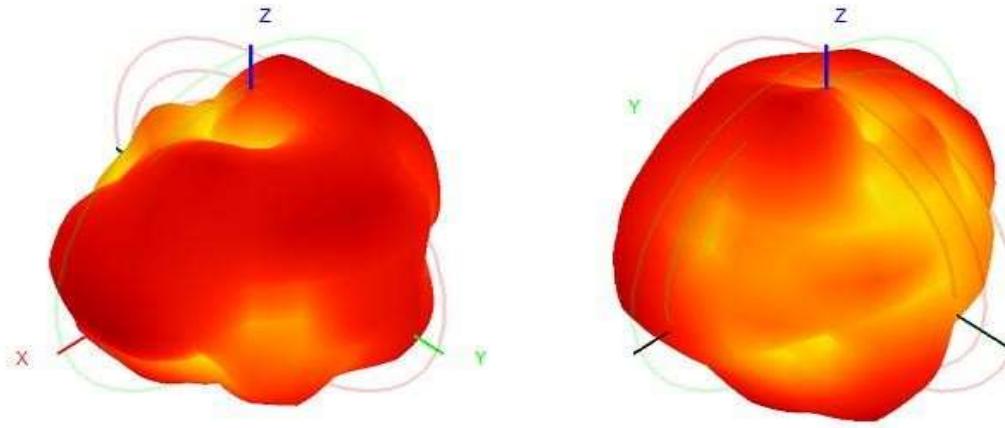




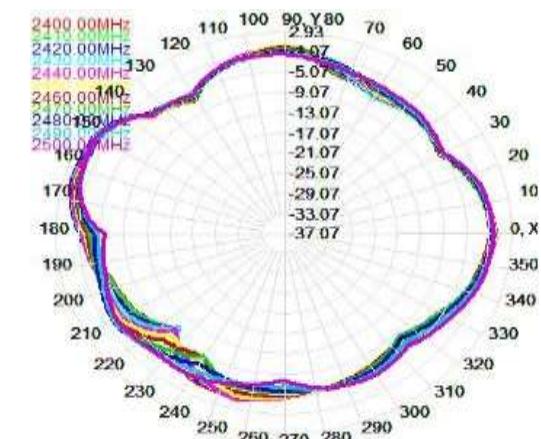
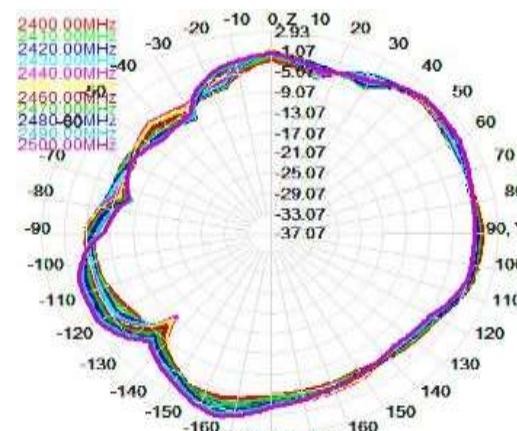
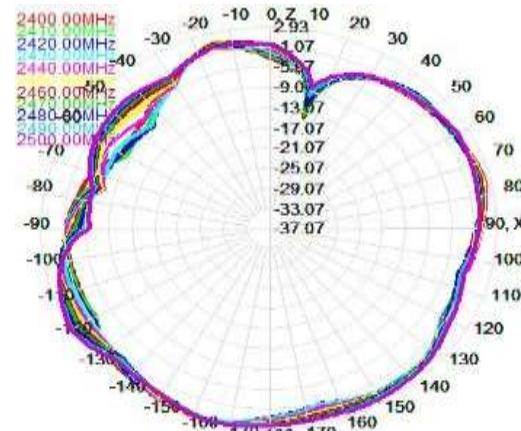
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5 passive field pattern diagram



E1 (XZ) E2 (YZ) H (XY)





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VI. Passive Efficiency & Gain

Freq (MHz)	Effi (%)	Gain (dBi)
2400	55.46	3.13
2410	55.40	3.00
2420	56.10	2.79
2430	56.30	2.70
2440	58.09	3.00
2450	58.59	3.11
2460	58.55	3.15
2470	58.77	3.06
2480	60.41	3.06
2490	62.25	3.01
2500	64.86	3.23



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Thank you