



Shenzhen Xinhengyang Technology Co., LTD

Test report



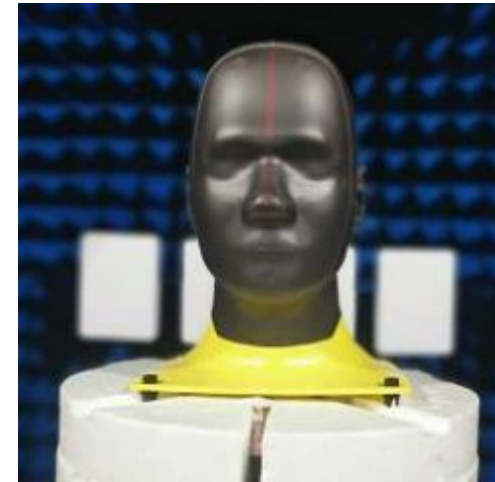
Customer name		Heshijia	Project name	
NO	item		expatiate	
1	Frequency band		BT-2400MHz-2500MHz	
2	Item type		Pet feeder	
3	Antenna space area			
4	Feed point type			
5	sensitivity			
6	Antenna type		PCB Antenna	
7	PCB board length			
8	remark			
RF	Tanping Xiao		17347352784	xinhengyang1116@163.com

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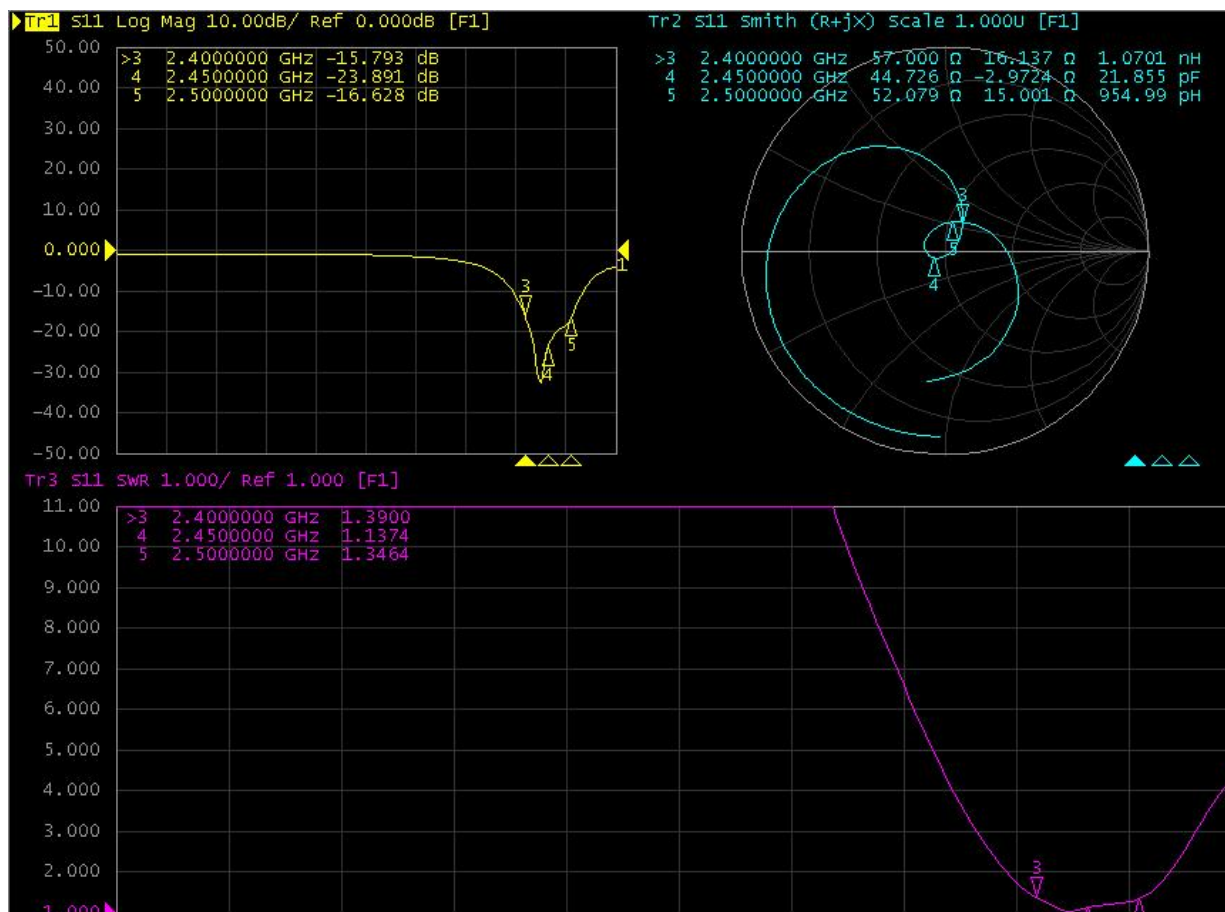
1. Introduction to the test darkroom
2. Return Loss&VSWR
3. Passive efficiency & Gain
4. Passive field pattern

1. Introduction to the test darkroom

1. Active test: Support 2.3.4.5G standard multi-mode measurement NB-IoT, eMTC, CAT-1, Bluetooth1-5, WIFI802.11abgn, measurable TRP TIS
2. Passive test: can test gain, efficiency
3. TWS headset test head model full head hand



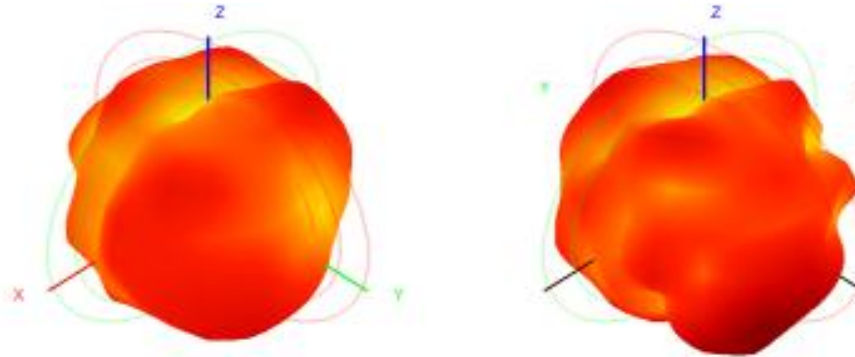
2. Return Loss&VSWR



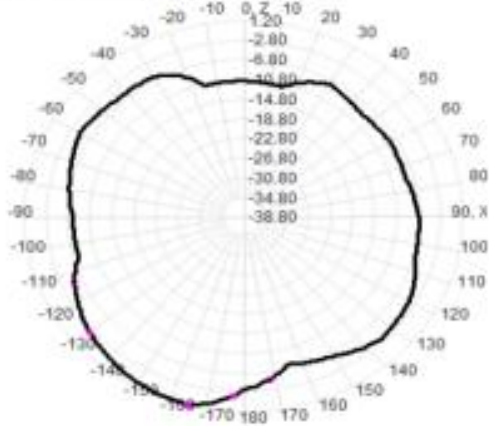
3. Passive efficiency & Gain

Freq (MHz)	2400MHZ-2500MHZ	
	Effi (%)	Gain (dBi)
2400	36.54	0.75
2410	36.72	0.56
2420	36.53	0.63
2430	37.45	0.72
2440	37.27	0.89
2450	37.11	1.10
2460	36.40	0.69
2470	35.12	0.53
2480	34.27	0.41
2490	33.55	0.26
2500	32.07	-0.07

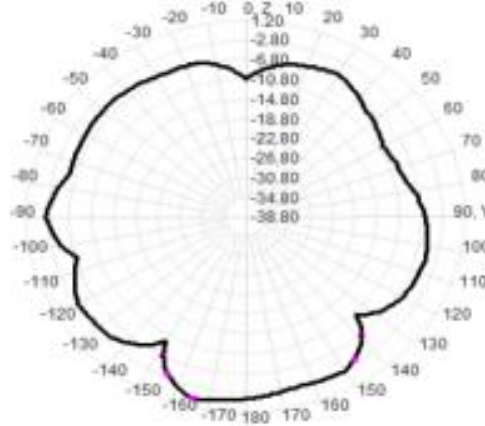
4. Passive field pattern (2400–2500MHz)



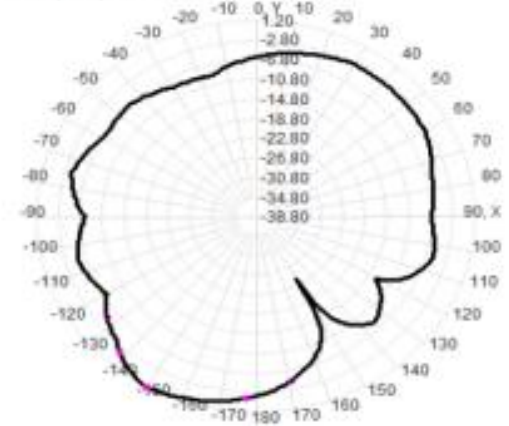
2350.0MHz Total(E1-XZ), Max= 0.75dBi



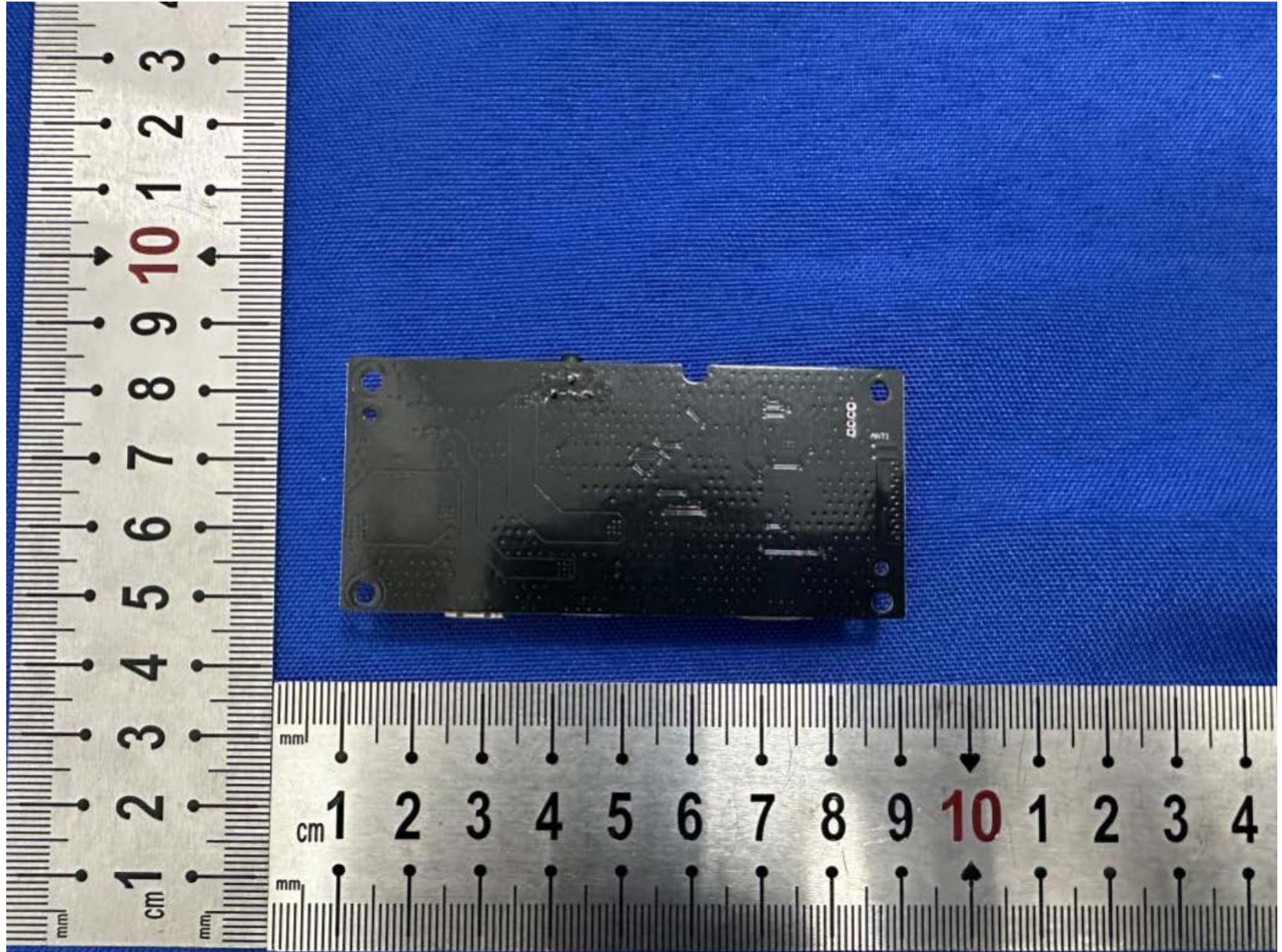
2350.0MHz Total(E2-YZ), Max= -0.66dBi



Total(H-XY), Max= 1.20dBi, CirD=25.56



5. Antenna photograph





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thank you

If you have any questions, please call

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