



深圳市迎丰天线技术有限公司

Shenzhen Yingfeng Antenna Technology Co., Ltd.

PCB antenna Test Report

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Product	
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DATE	2026.9.9
producer	ZSimon



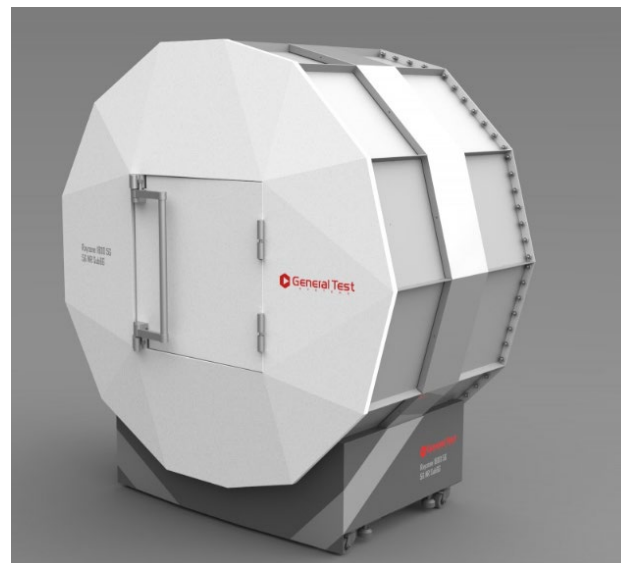
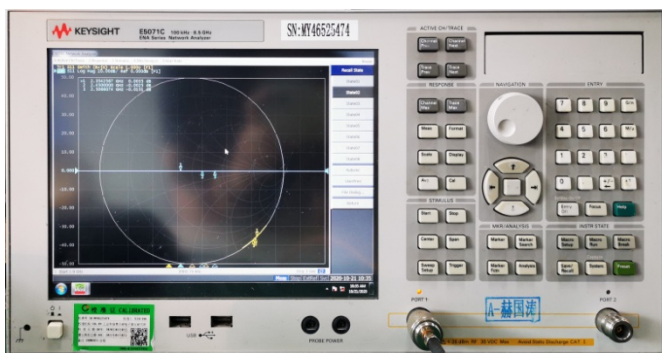
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test conditions

- 1. S parameter measurement
- 2. Equipment : Network Analyzer (Agilent E5062A), anechoic chamber , MT8852B
- 3. object: Impedance, Return Loss, VSWR, Efficiency, gain, radiation field type, sensitivity, power, frequency offset active data TRP TIS

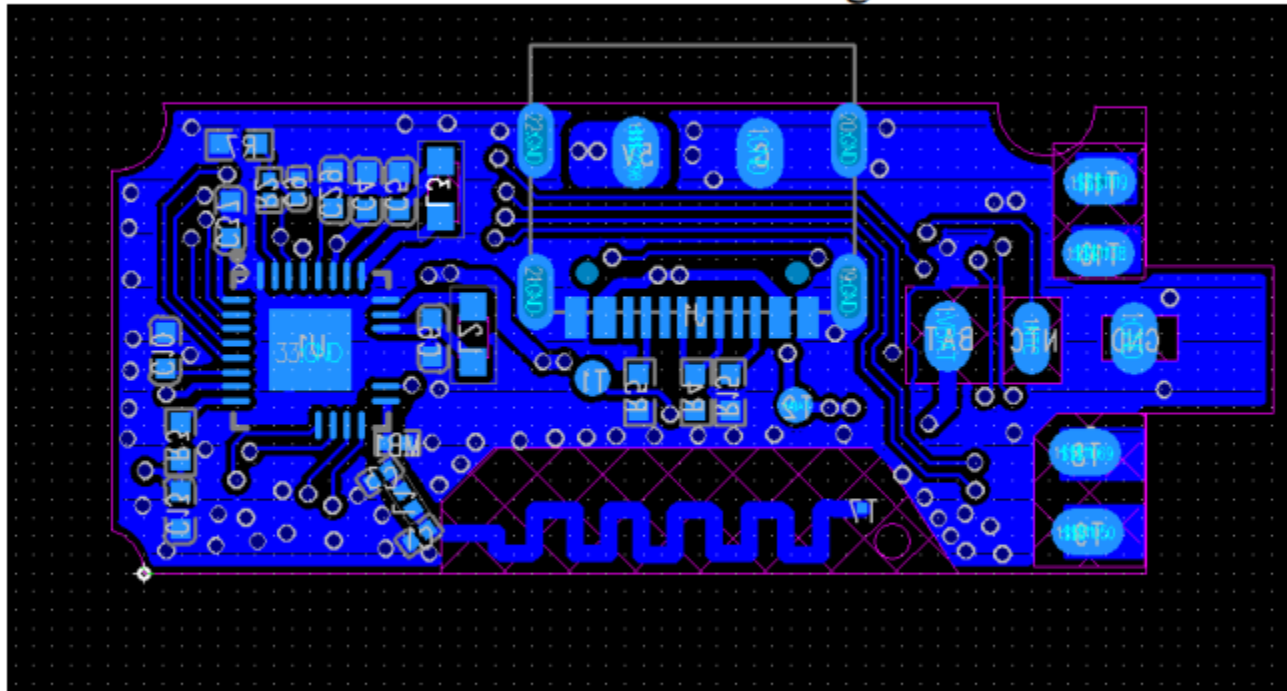




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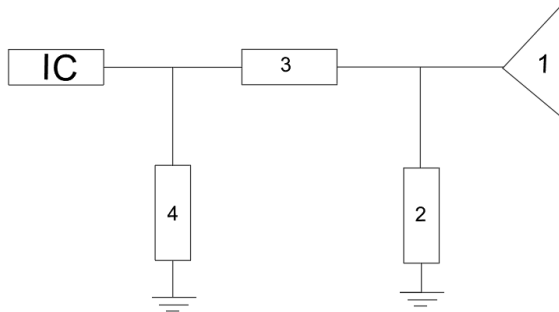
Sample Appearance

Antenna Photo & Length





Match parameters



Number	Model	Specifications	Position			
1	PCB antenna					
2	Inductor	1.2NH	L1			
3	Inductor	2.2NH	C3			



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Network division debugging antenna





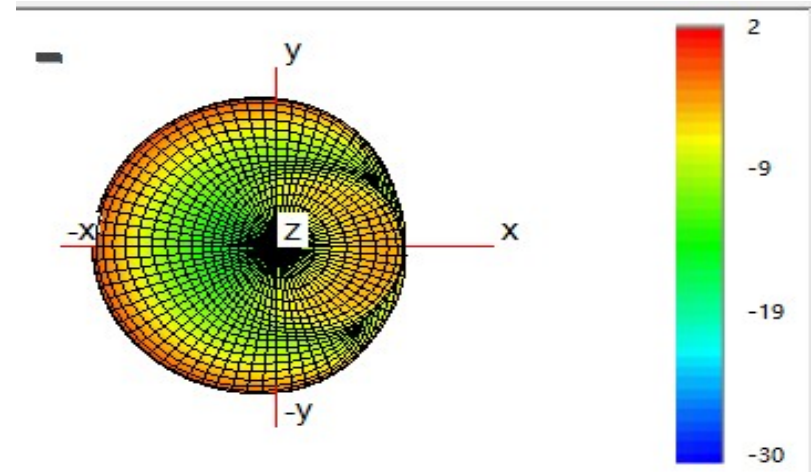
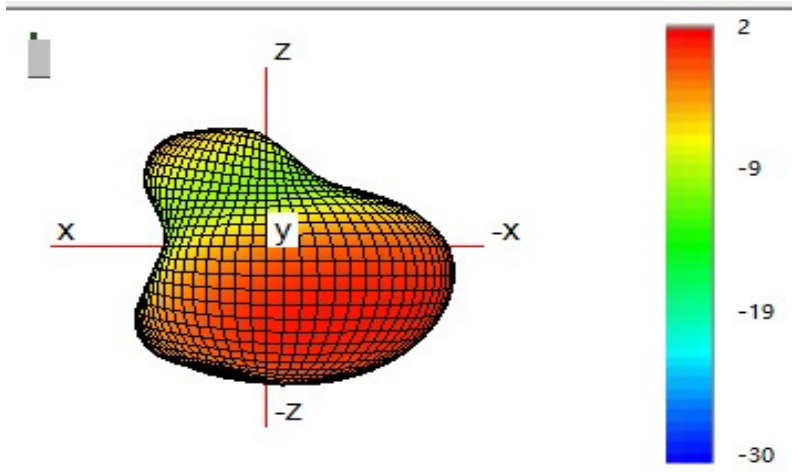
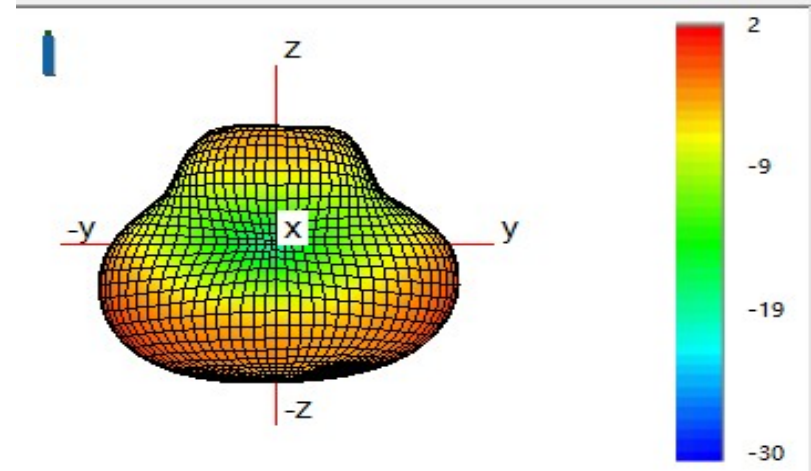
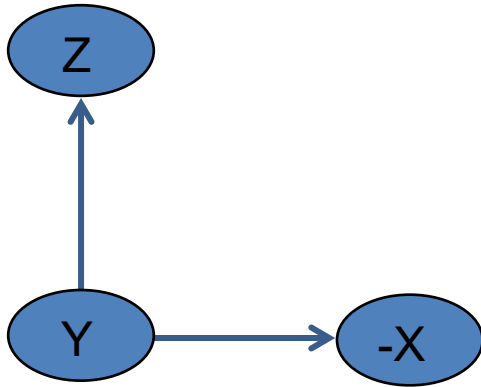
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Passive efficiency data

Freq(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	1.494130223	-3.160246053	28.30314348
2410	1.622332418	-3.029218318	29.78266802
2420	1.678444906	-3.011622506	29.98477591
2430	1.798793037	-2.922879209	31.01666665
2440	1.959953463	-2.739433819	33.21776337
2450	2.0005207	-2.733636072	33.28885549
2460	1.82605833	-2.911582391	32.14954336
2470	1.928017632	-2.816441032	31.28244591
2480	1.994243924	-2.741288459	31.19504176
2490	1.938924076	-2.836110828	30.04618693
2500	1.860044154	-2.883843592	28.47728587

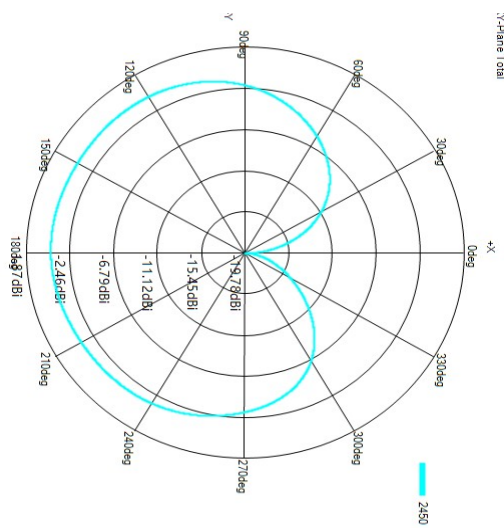
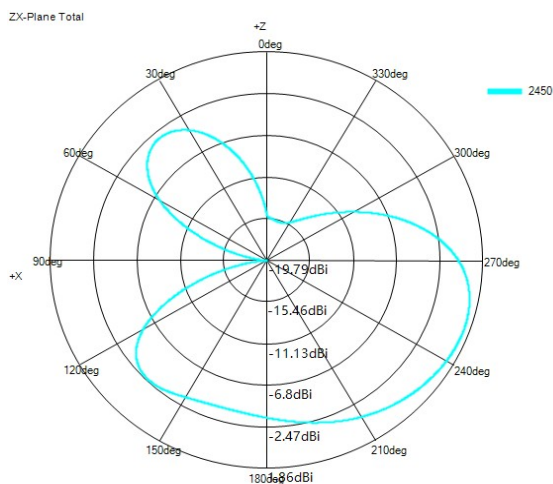
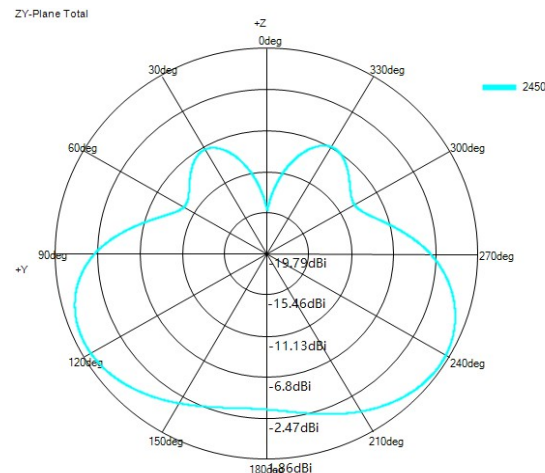
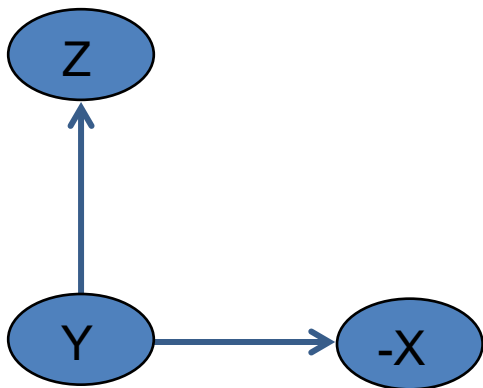


Whole machine free field passive field type





Whole machine free field 2D passive field type





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Thanks for Your Attention