



Shenzhen Yingfeng antenna technology Co., LTD

FM208 Test Report

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product	
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Day period	2024-12-02



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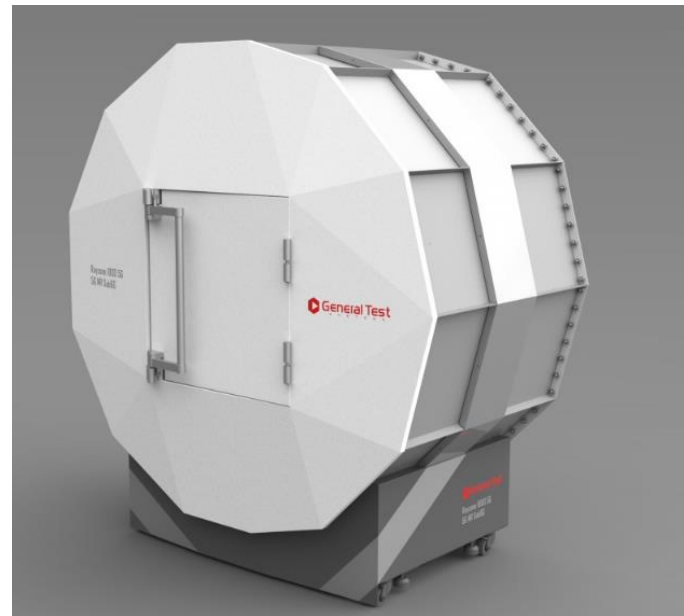
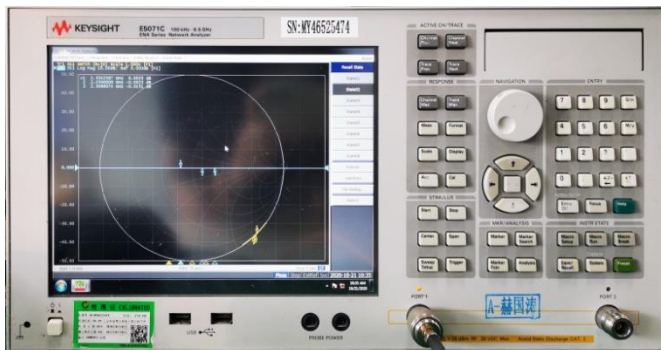
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Test condition

- 1. Measurement of S parameters
- 2. Equipment: Network Analyzer (Agilent E5062A), microwave darkroom, MT8852B
- 3. Items: Impedance, return loss, VSWR, Efficiency, gain, radiation field pattern, Sensitivity, Power, frequency offset active data TRP TIS





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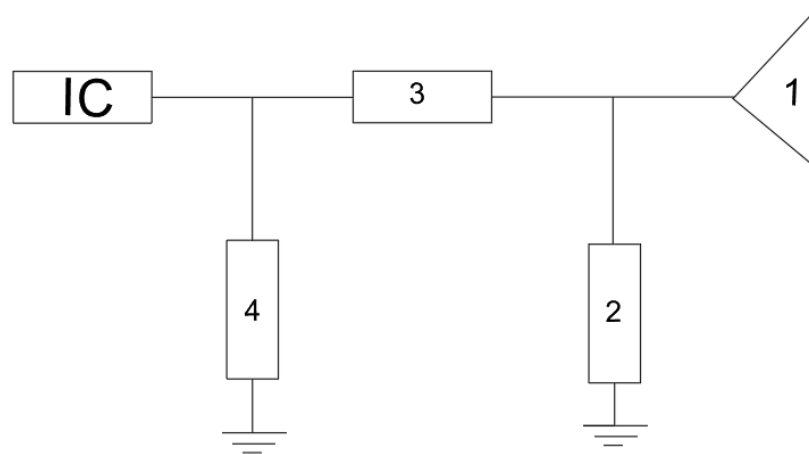
Prototype appearance





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matching parameter



serial number	model	specification	manufacturer	object ID	tolerance	
1	onboard					
2	NC					
3	resistance	0Ω				
4	NC					



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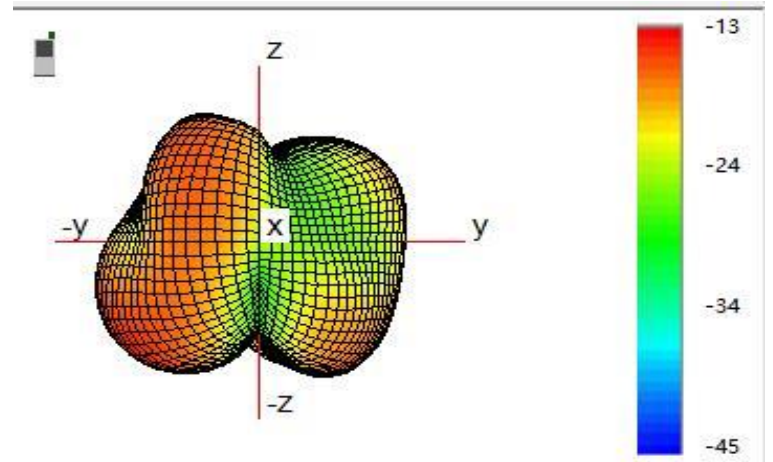
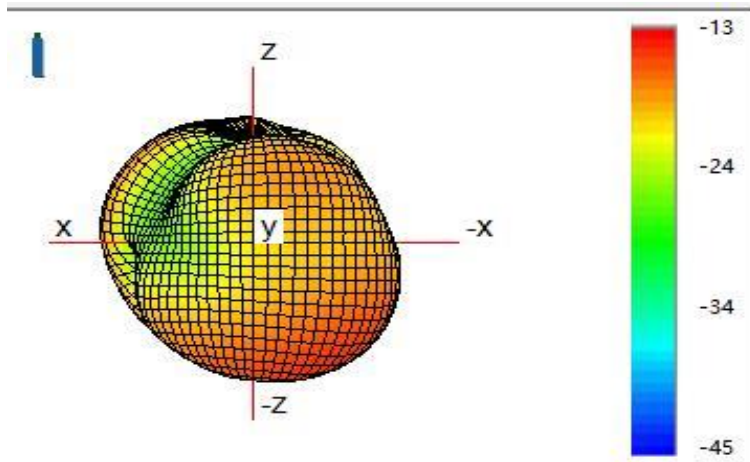
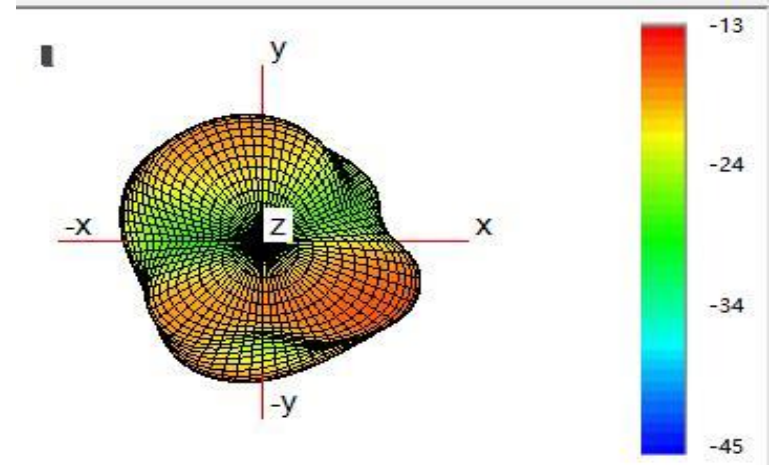
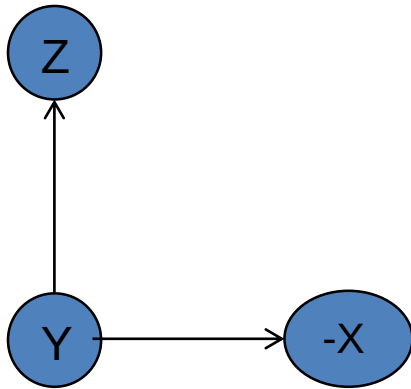
Free field passive efficiency of the whole machine

Freq(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	-13.88838283	-18.79537713	1.31966071
2410	-11.67552574	-17.0872718	1.955567539
2420	-9.879327359	-15.25665475	2.980811584
2430	-8.153668228	-13.40461561	4.566026621
2440	-6.542087317	-11.62948588	6.871497811
2450	-5.466103527	-10.30953358	9.312078788
2460	-4.849466963	-9.343498858	11.63188539
2470	-4.1553713	-8.386658204	14.49887079
2480	-3.630195389	-7.670017664	17.1000836
2490	-3.466405692	-7.282849978	18.69454942
2500	-3.135737867	-6.919413457	20.32631513



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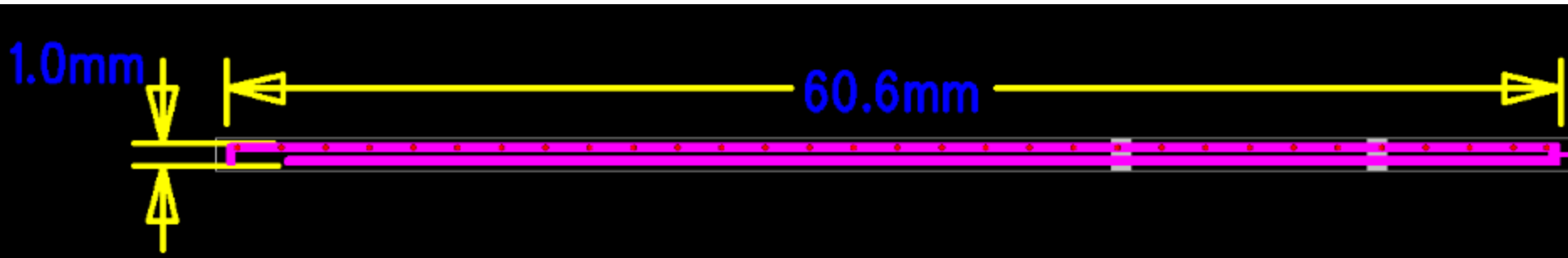
Complete free field passive field type





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Antenna size diagram



Length: 60.6mm, width: 1.0mm



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Thanks for Your Attention