



Antenna Specifications

Customer : 小米

Project : N79B

Date 20240422



Antenna Specifications

Test Setup for Radiation Pattern Measurement



Equipment	Brand	Module Type
Network Analyzer	keysight	5071c (100K-8.5G)
Signal Generator	R&S	CMW500
Signal Generator	Agilent	E4438C
3D Anechoic chamber	General Test	RayZone 2800



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Manufacturer : Shenzhen Hilintech Technology

Test software /equipment : **RayZone 2800**

Equipment calibration date: 2024-01-15

Manufacturer address: Building A, Room 101, Taohuayuan Hi-Tech Park, Xixiang Street,
Baoan District, Shenzhen, Guangdong, P.R.C.

Test Lab : **Tiinlab---RF-Lab**



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Results Summary

Gain & Efficiency (Free Space)

Frequency (MHz)	L		R	
	Peak Gain (dBi)	Efficiency (dB)	Peak Gain (dBi)	Efficiency (dB)
2400	-3.4	-7.2	-2.9	-7.2
2410	-3.1	-7.1	-2.7	-7.2
2420	-2.9	-7.1	-2.6	-7.2
2430	-2.7	-7.1	-2.5	-7.2
2440	-2.6	-7.2	-2.7	-7.2
2450	-2.5	-7.2	-2.8	-7.3
2460	-2.6	-7.1	-3.1	-7.4
2470	-2.5	-7.1	-3.2	-7.5
2480	-2.6	-7.3	-3.2	-7.5
2490	-2.7	-7.4	-3.4	-7.6
2500	-3.0	-7.5	-3.6	-7.8



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Results Summary

Gain & Efficiency (BH)

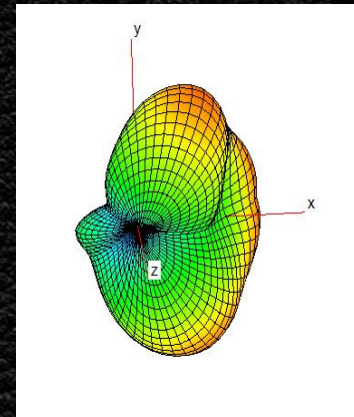
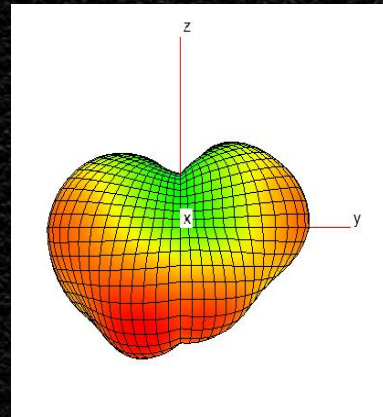
Frequency (MHz)	L		R	
	Peak Gain (dBi)	Efficiency (dB)	Peak Gain (dBi)	Efficiency (dB)
2400	-6.6	-11.3	-6.9	-11.2
2410	-6.5	-11.4	-6.7	-11.5
2420	-6.6	-11.5	-6.6	-11.6
2430	-6.7	-11.6	-6.6	-11.6
2440	-6.8	-11.5	-6.5	-11.7
2450	-6.8	-11.5	-6.5	-11.8
2460	-6.9	-11.5	-6.5	-12.2
2470	-6.9	-11.6	-6.6	-12.1
2480	-7.1	-11.7	-6.8	-12.4
2490	-7.2	-11.8	-7	-12.3
2500	-7.2	-11.9	-7.1	-12.3



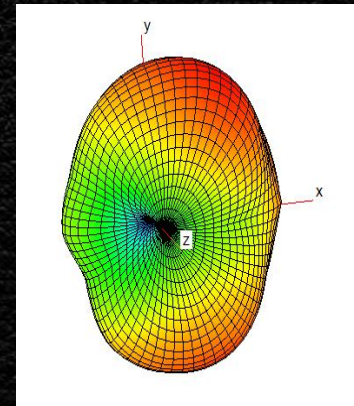
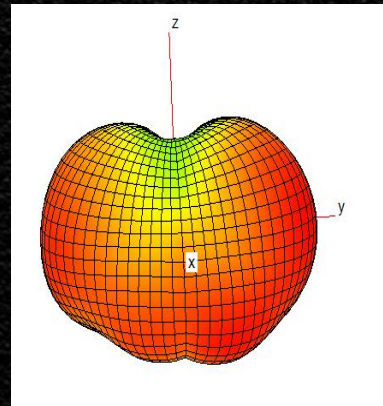
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Radiation Pattern (FS)

L



R

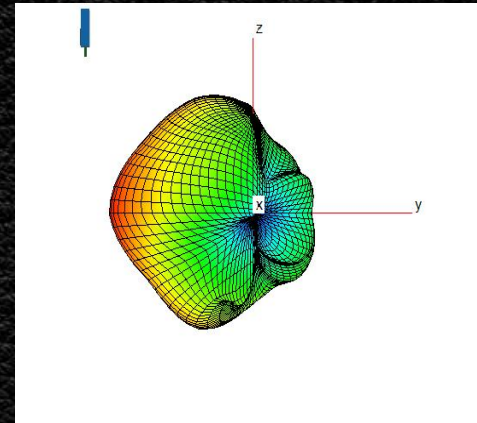
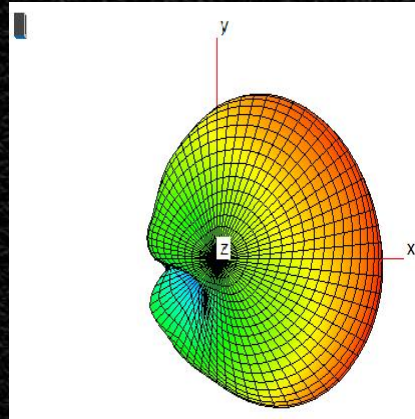




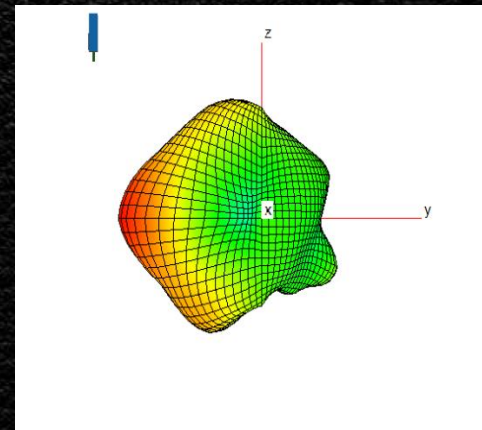
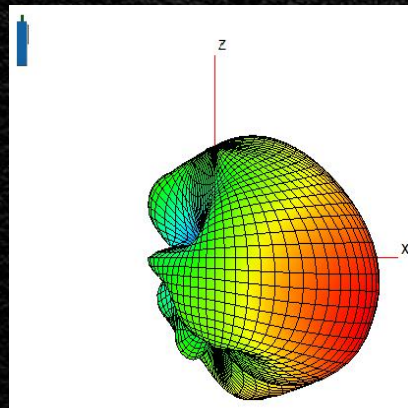
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Radiation Pattern (BH)

L



R





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THANK YOU !

