



Antenna Test Report

Customer : 华硕
Project : O701
Date 20250818



Antenna Test Report

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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Antenna information

Manufacturer : Shenzhen Hemingcheng Industrial Co., Ltd.

Test software /equipment : **RayZone 2800**

Equipment calibration date : 2025-01-15

Building 5, No. 37, Dongfang 1st Road, Songgang Town, Baoan District, Shenzhen
Test Lab : Tiinlab---RF-Lab

ANT Type : FPC antenna

ANT Model : O701-RF-L-V5 O701-RF-R-V5



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Results Summary

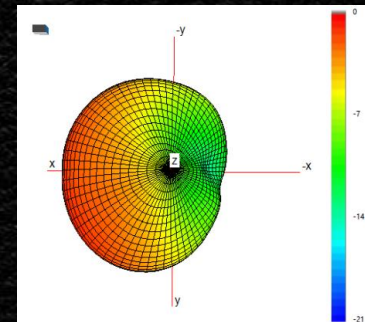
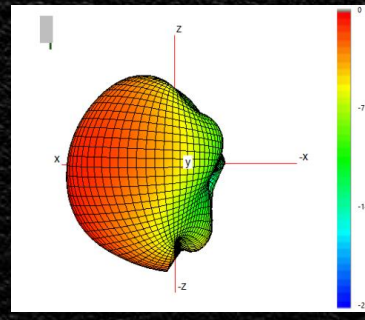
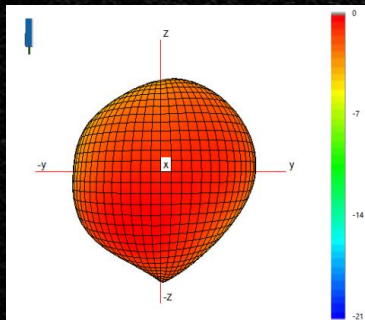
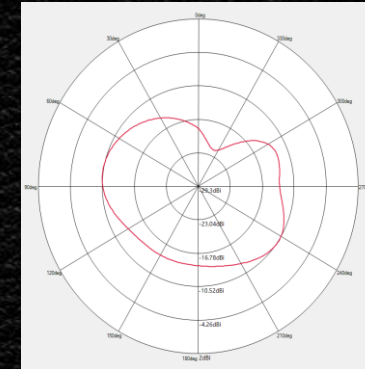
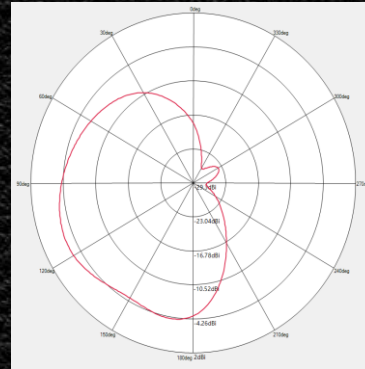
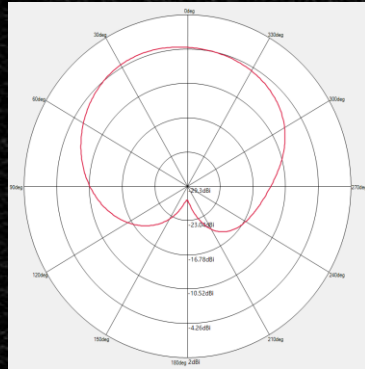
Gain & Efficiency (Free Space)

Freq(Mhz)	FS			
	L		R	
	Effi(%)	Gain(dBi)	Effi(%)	Gain(dBi)
2400	26.39	-2.17	25.73	-2.11
2410	26.93	-2.06	26.77	-1.88
2420	27.91	-1.85	28.52	-1.77
2430	28.86	-1.68	29.67	-1.53
2440	30.3	-1.46	30.87	-1.2
2450	31.68	-1.18	31.15	-1.03
2460	32.42	-0.84	32.02	-0.93
2470	33.08	-0.78	32.98	-0.75
2480	34.05	-0.64	33.44	-0.74
2490	35.16	-0.68	34.63	-0.67
2500	35.21	-0.71	34.54	-0.70
AVE	31.1	-1.3	30.9	-1.2



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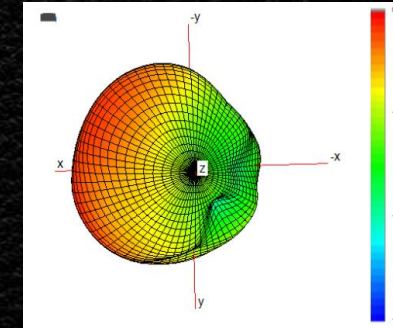
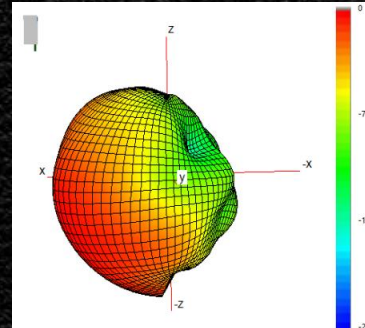
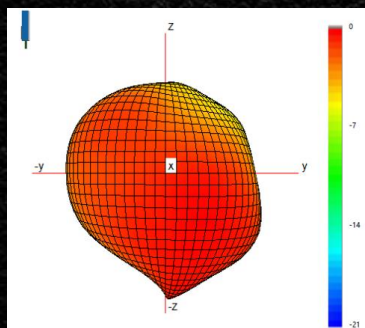
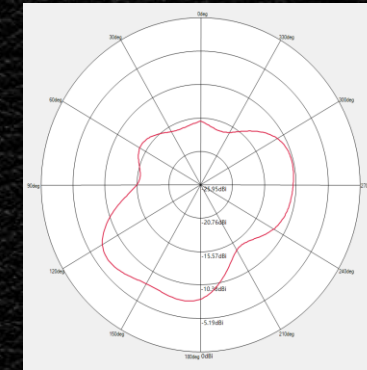
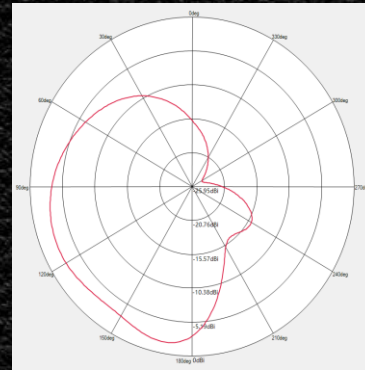
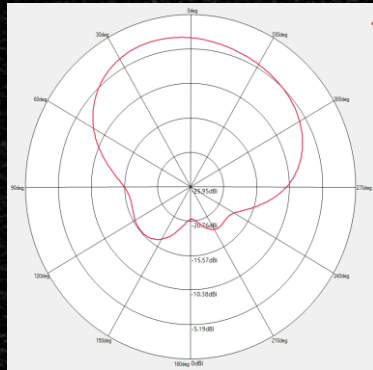
Radiation Pattern-R





Antenna Test Report

Radiation Pattern-L





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THANK YOU !

