



深圳市昱晟通讯设备有限公司

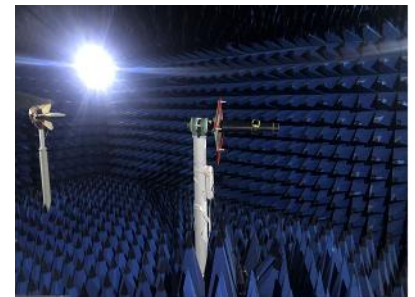
Yusheng Communications-equipment Co.,LTD

Kenaixin Z1350-01 debugging report

Radio: Lin Shaokun

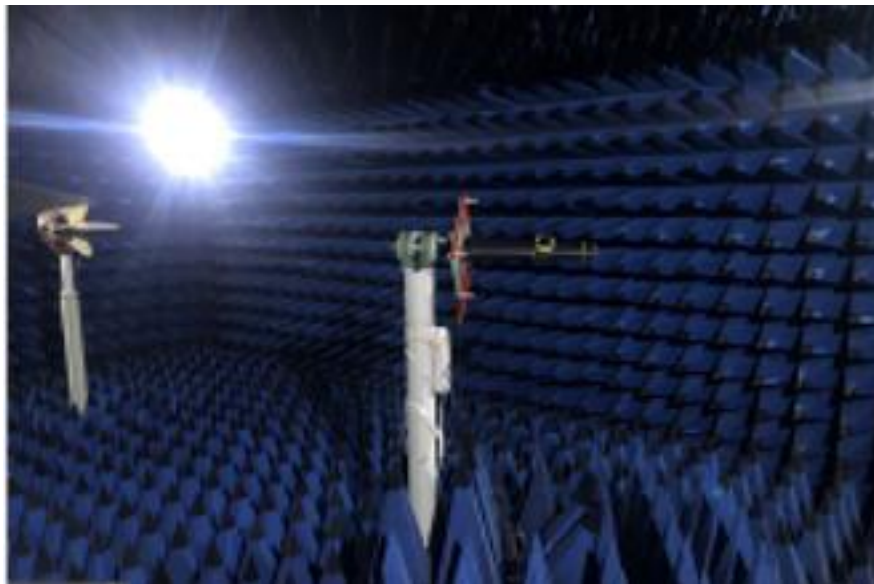
Date: 2025-8-15

Contact: 18476607352



Project development environment

As we transition from the internet era to the intelligent age, China is actively developing digital societies and smart cities. Over the next 5-10 years, both consumer electronics and IoT markets will demonstrate tremendous growth potential. The wireless communications sector remains highly diversified. Leveraging its core strengths in antenna technology and comprehensive capabilities, Yusheng is committed to delivering competitive professional-grade product solutions that meet market demands.



Yusheng Communications product portfolio covers nearly all antenna applications for wireless terminal devices, including automotive antennas, high-precision surveying and mapping antennas, UAV ground and satellite navigation data transmission systems, high-precision positioning antennas, medical device wireless transmission systems, consumer-grade antennas (mobile phone antennas, PADs, laptop antennas), base station/indoor distribution antennas, smart wearable antennas (smartwatches, TWS earbuds), security home automation antennas, and various smart devices utilizing wireless data transmission and control technologies.

Project debugging
introduction

type	earphone			
Band and antenna material	main antenna	frequency range		material quality
		BT	2400MHZ-2500MHZ	FPC
performance requirement				

Presently unparameterized-
BT

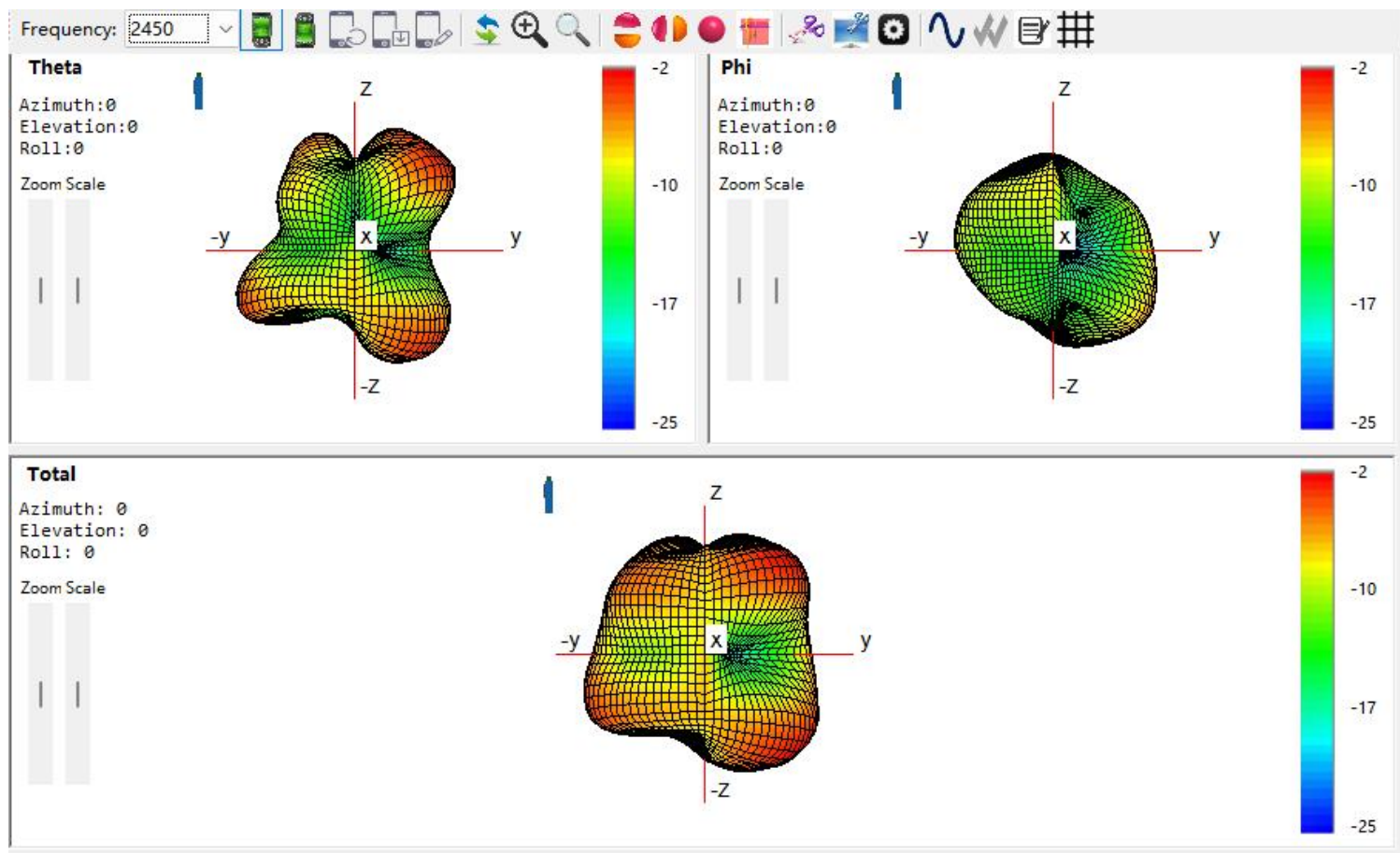
L

Freq. (MHz)	Efficiency (%)	Gain
2400	22.7	-1.14
2410	20.67	-1.54
2420	20.85	-1.66
2430	21.61	-1.83
2440	21.88	-2.13
2450	22.53	-2.35
2460	23.05	-2.58
2470	23.33	-2.85
2480	23.79	-2.73
2490	23.38	-2.4
2500	23.54	-1.83

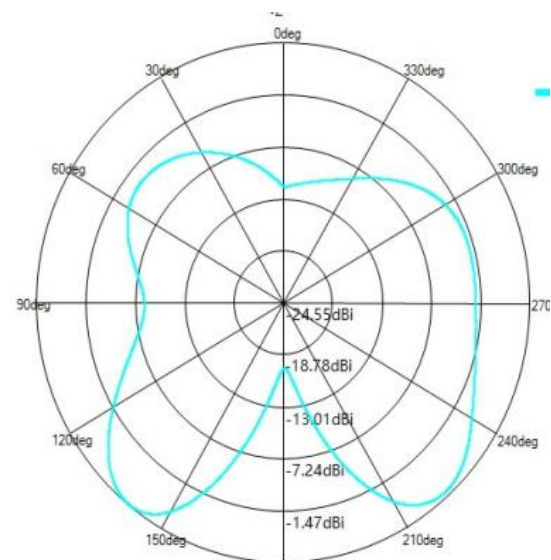
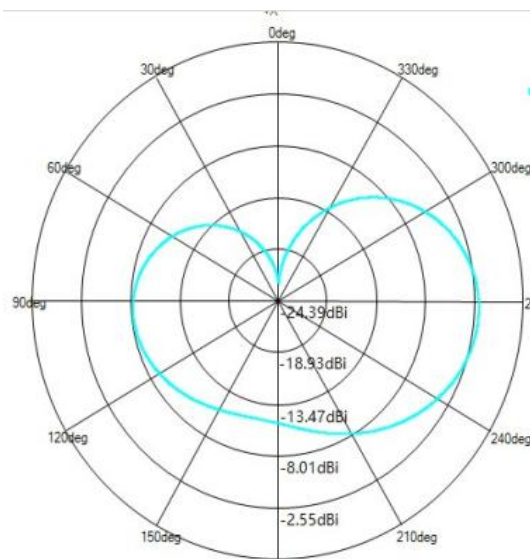
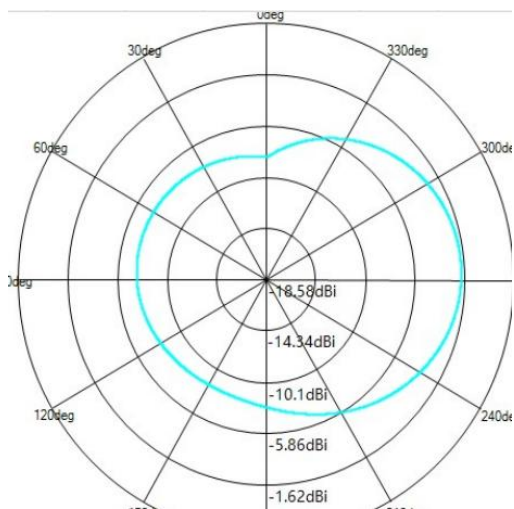
R

Freq. (MHz)	Efficiency (%)	Gain
2400	21.73	-1.54
2410	19.46	-1.97
2420	19.2	-2.14
2430	19.68	-2.39
2440	19.94	-2.75
2450	21.19	-2.91
2460	22.38	-3.06
2470	23.73	-3.18
2480	25.48	-2.85
2490	27.6	-2.38
2500	29.91	-1.78

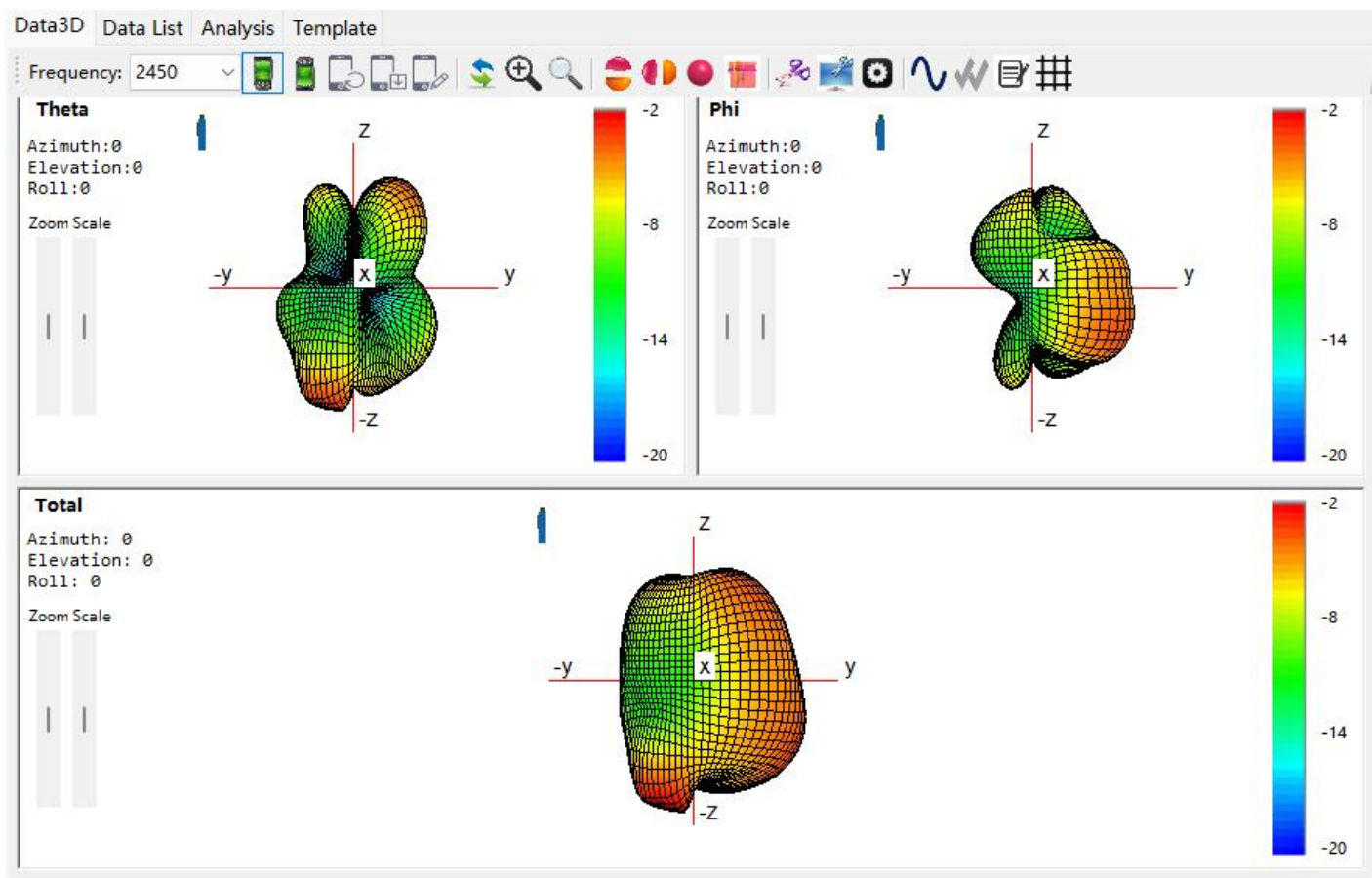
L Apple illustration



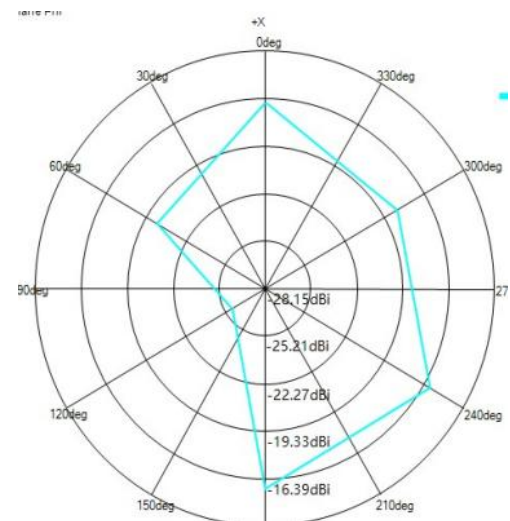
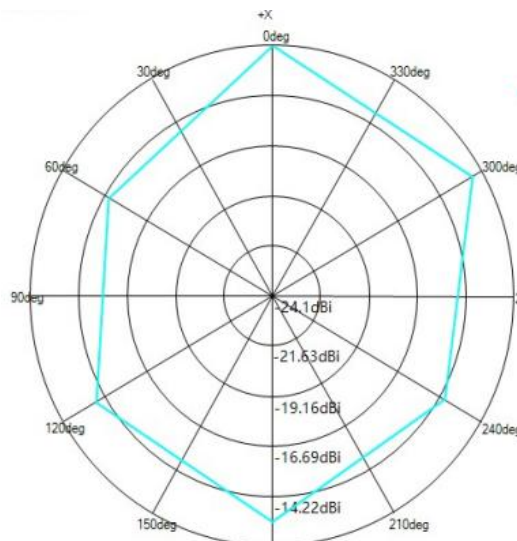
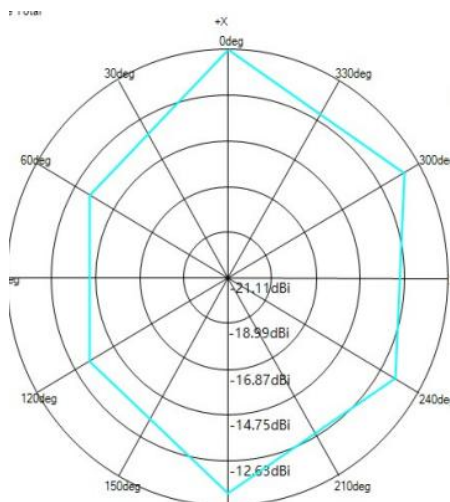
L directional diagram



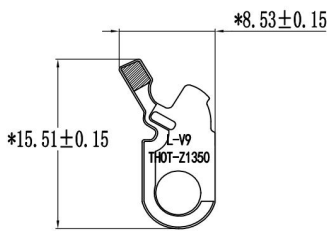
R Apple illustration



R directional diagram



Left antenna diagram file

	1	2	3	4	5	6	7	8																																										
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	7.Environmental requirements: Parts meet ROHS2.0/REACH/2P environmental protection requirements																																																	
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Thank you!



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