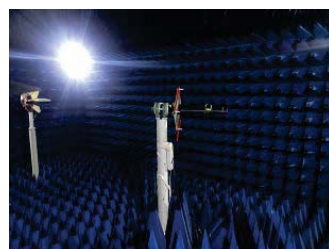


Kenaixin Z1350-01 debugging report

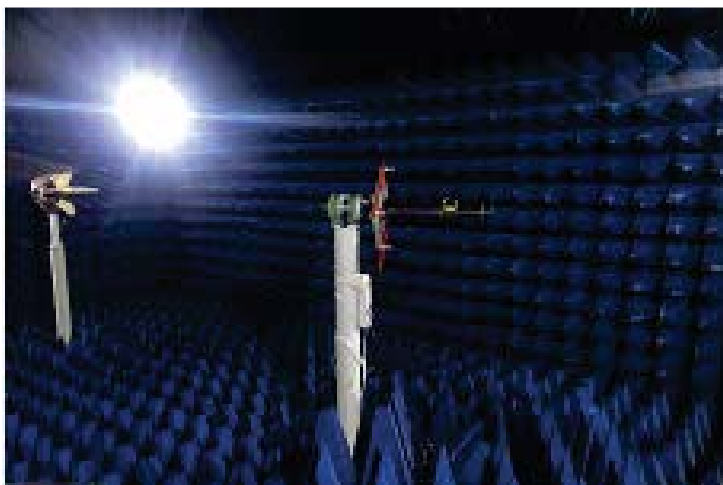
Radio: Lin Shaokun
Date: 2025-8-15
Contact: 18476607352



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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.

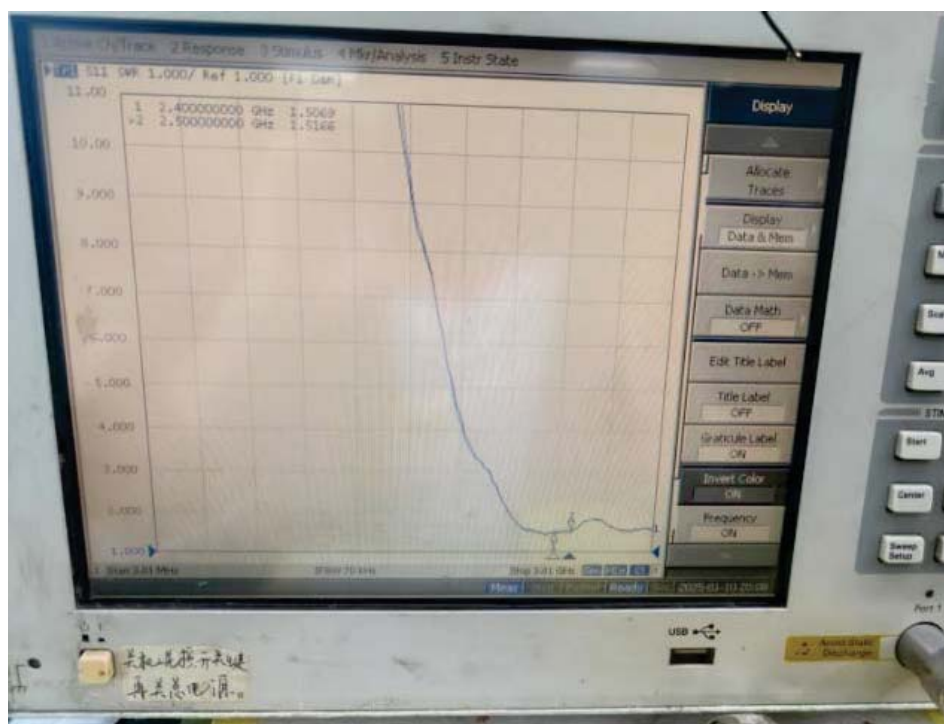
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Project debugging
introduction

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

Presently unparameterized-BT

Freq. (MHz)	Efficiency (%)	Gain
2400	38.8	1.16
2410	39.51	1.28
2420	40.24	1.33
2430	41.5	1.49
2440	43.0	1.67
2450	43.8	1.72
2460	41.9	1.60
2470	39.4	1.52
2480	39.1	1.39
2490	38.5	1.27
2500	38.1	1.22

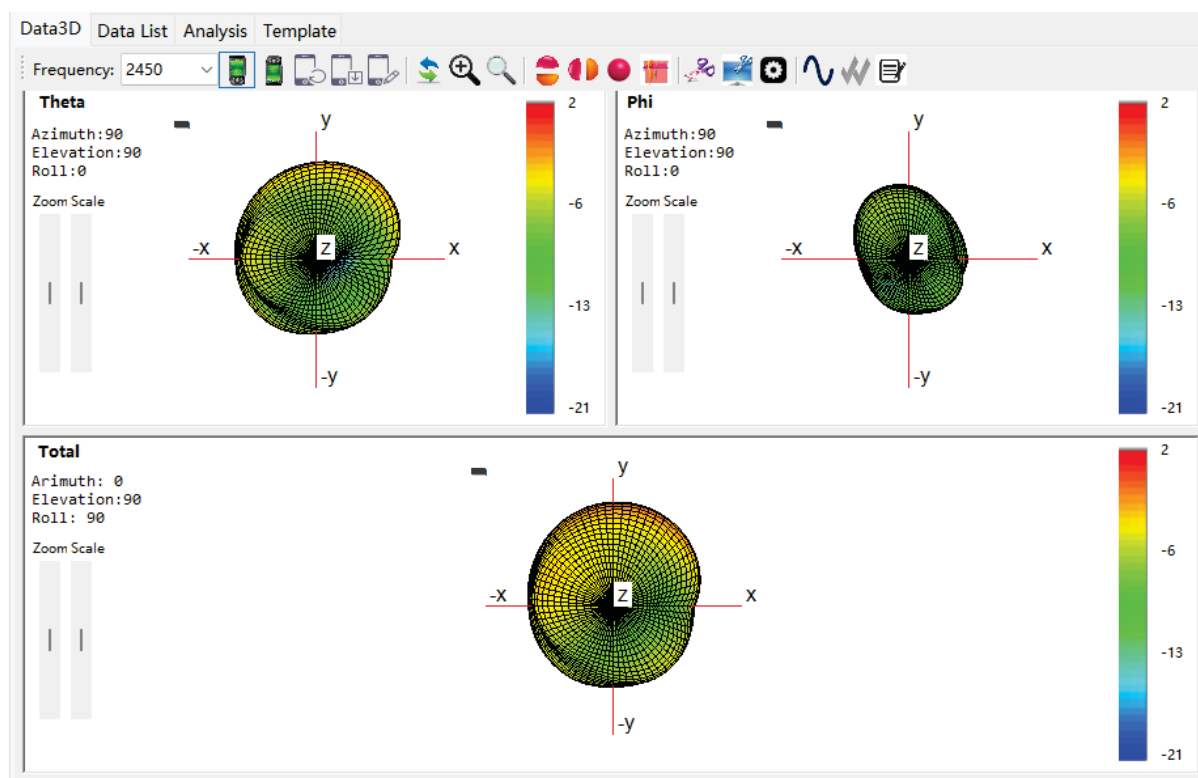


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Source data-charging tank

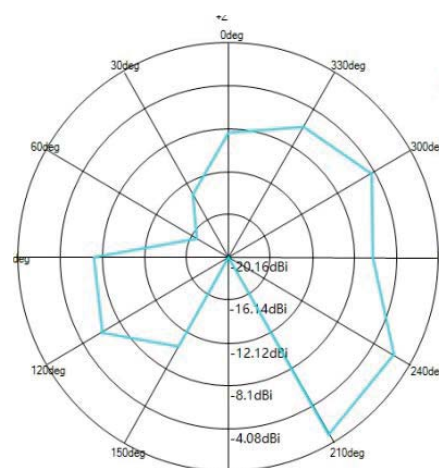
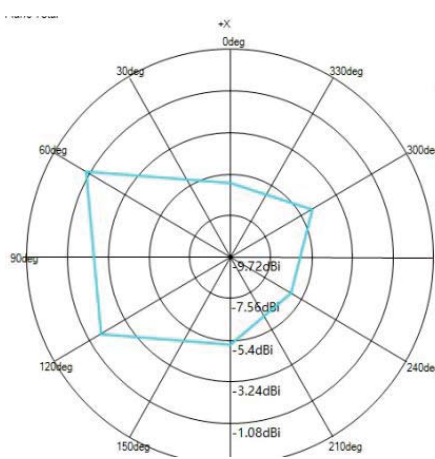
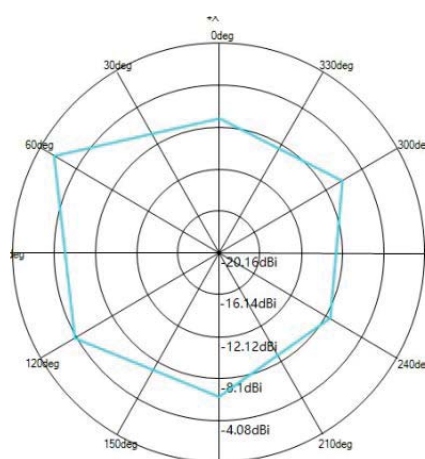
Channel No.		
	TRP (dBm)	TIS (dBm)
0	6.45	-91.84
39	5.77	-92.33
78	5.81	-93.34

Apple illustration



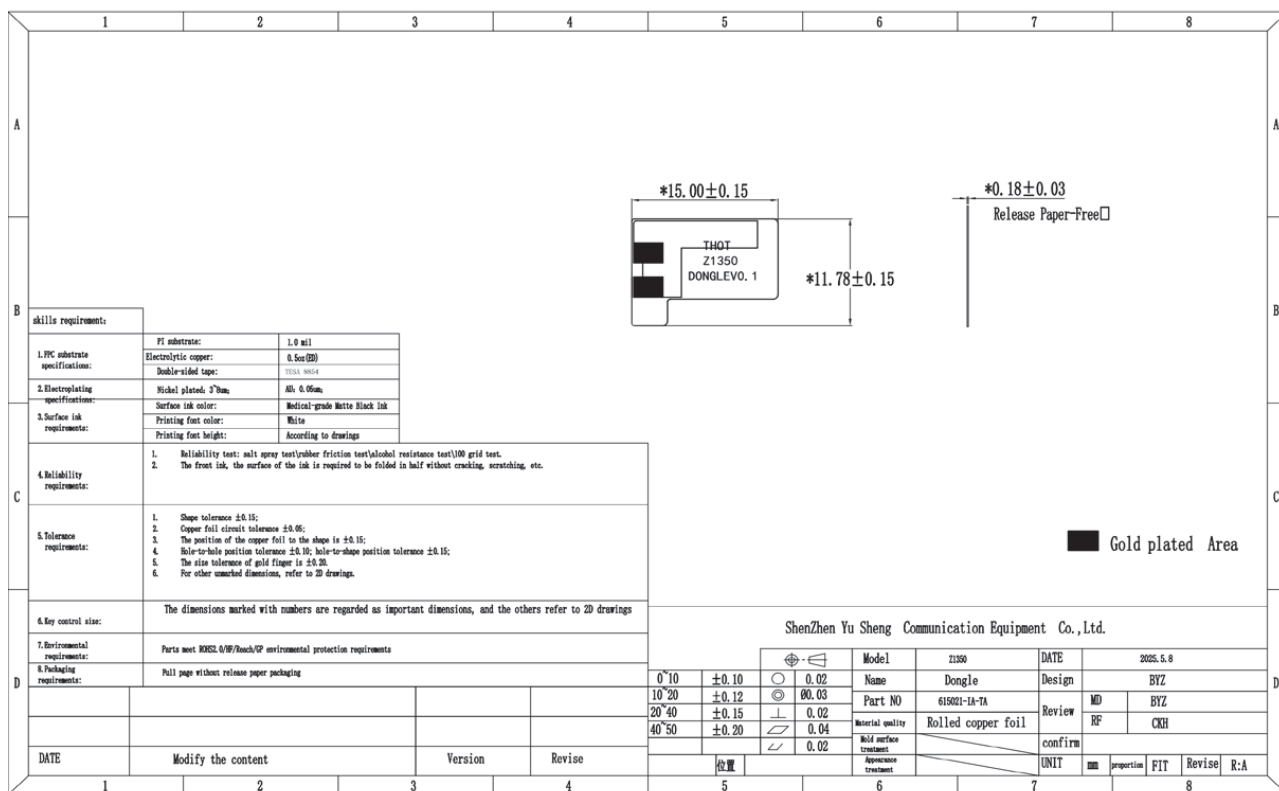
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Charging chamber
directional diagram



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antenna diagram file



Thank you!



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