



Antenna Test Report

Customer : **Noise**
Project : **Noise N3**
Date **20250408**



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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ANT picture



L



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Manufacturer : Shenzhen Hilintech Technology

Test software /equipment : **RayZone 2800**

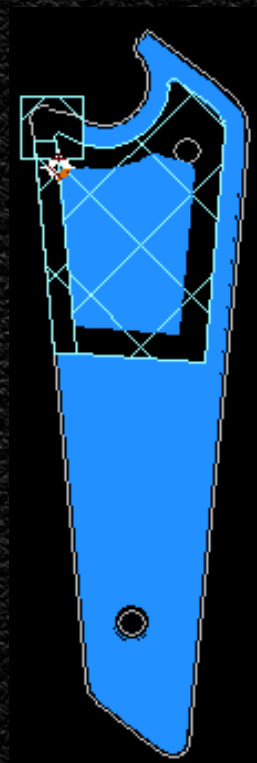
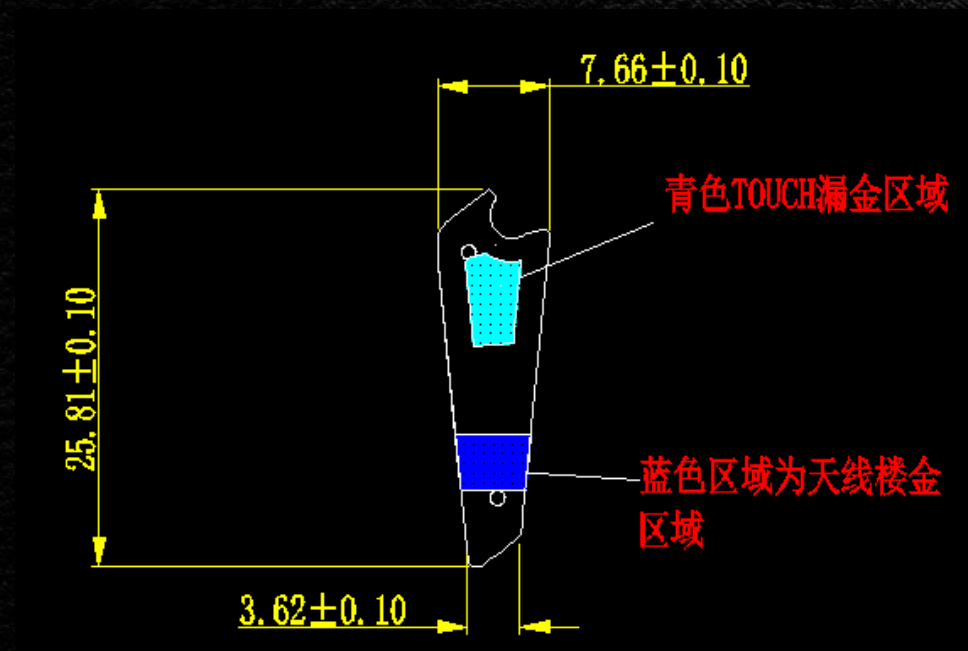
Equipment calibration date: 2023-02-10

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

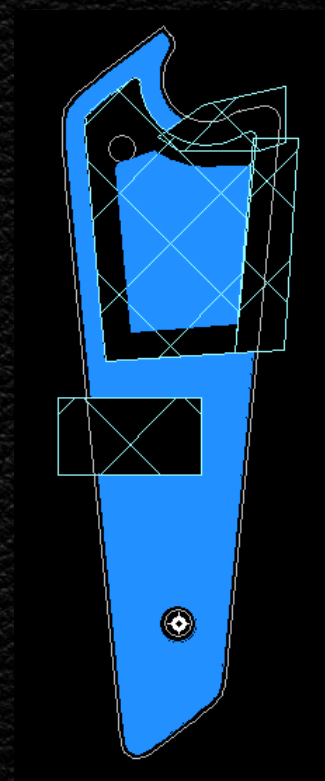
Test Lab : **Tiinlab---RF-Lab**



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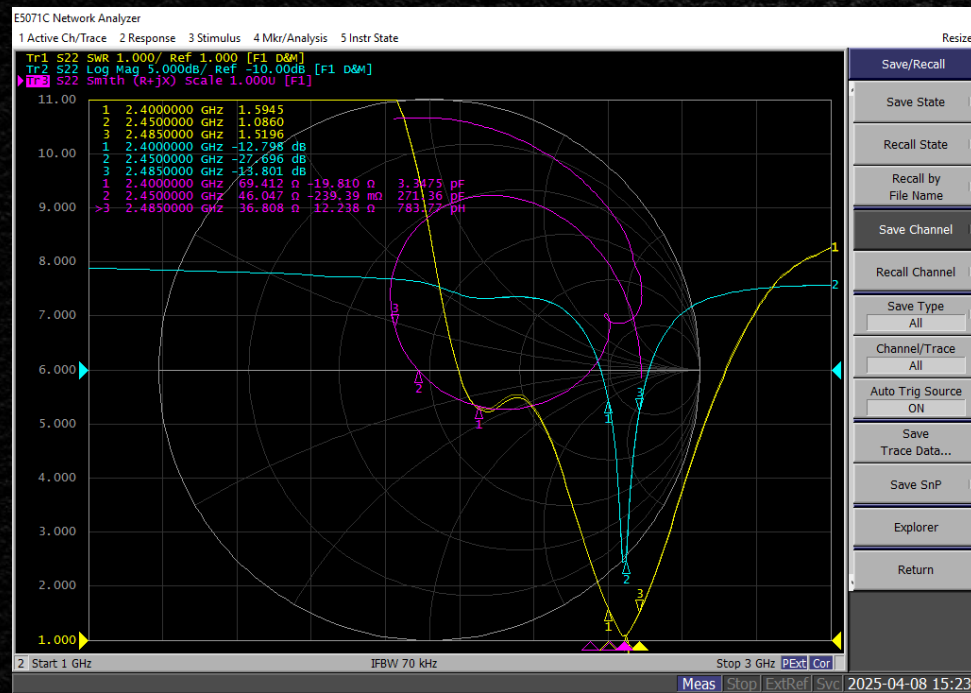
L



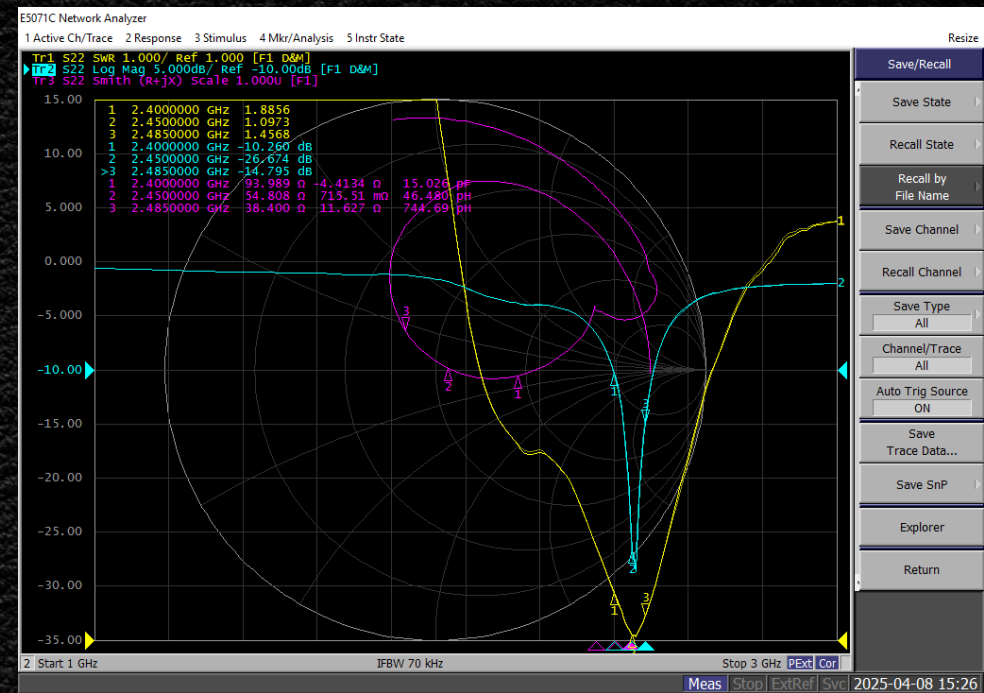
R



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L-BH



R-BH

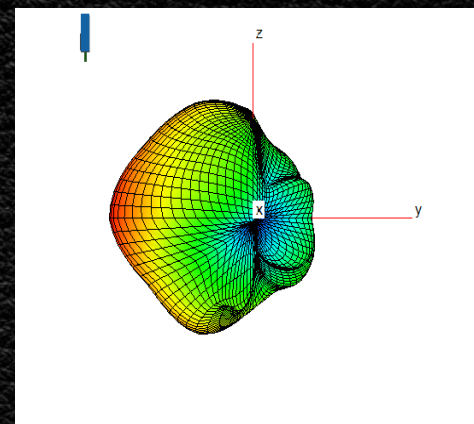
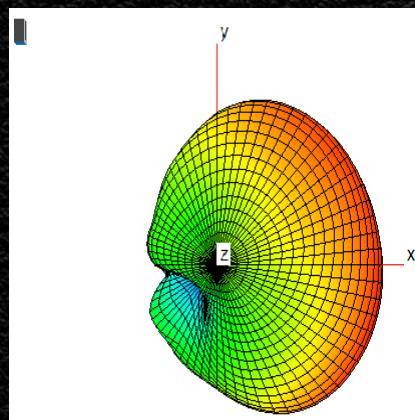
VSWR/Smith圆图



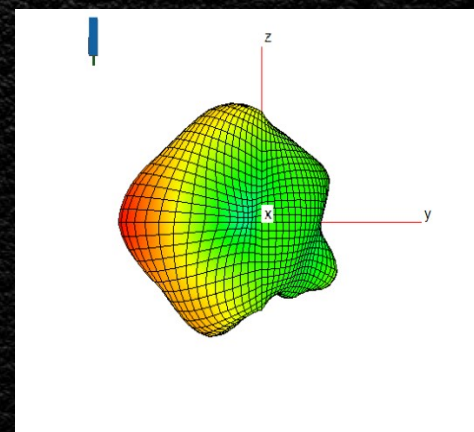
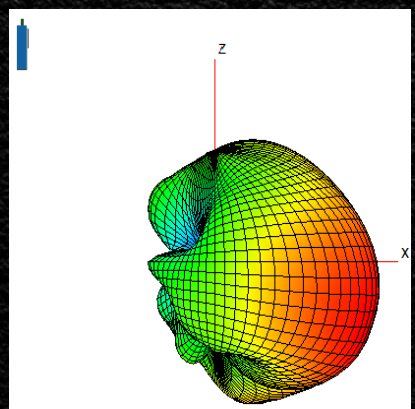
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Radiation Pattern (BH)

L



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Results Summary

Frequency (MHz)	L-BH		R-BH	
	Efficiency(dB)	Gain(dBi)	Efficiency(dB)	Gain(dBi)
2400	-11.66	-4.5	-12.16	-4.49
2410	-11.66	-4.46	-12.1	-4.51
2420	-11.66	-4.42	-12.09	-4.53
2430	-11.64	-4.39	-12.05	-4.48
2440	-11.6	-4.38	-11.99	-4.48
2450	-11.55	-4.0	-11.91	-4.39
2460	-11.57	-4.27	-11.88	-4.31
2470	-11.61	-4.28	-11.9	-4.0
2480	-11.65	-4.32	-11.91	-4.33
2490	-11.65	-4.3	-11.9	-4.51
2500	-11.79	-4.44	-11.99	-4.66



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THANK YOU !

