



SHENZHEN HANYANG ANTENNA DESIGN CO. LTD.

## Antenna test report

Project name : **M50 Dongle**

Measuring program : **Genreal Test System (GTS.)**

testing equipment : **Agilent E5071C**

Test engineer : **Yin Xin**

The gain standard of EIRP is mainly the implementation standard of Active DUT Test.

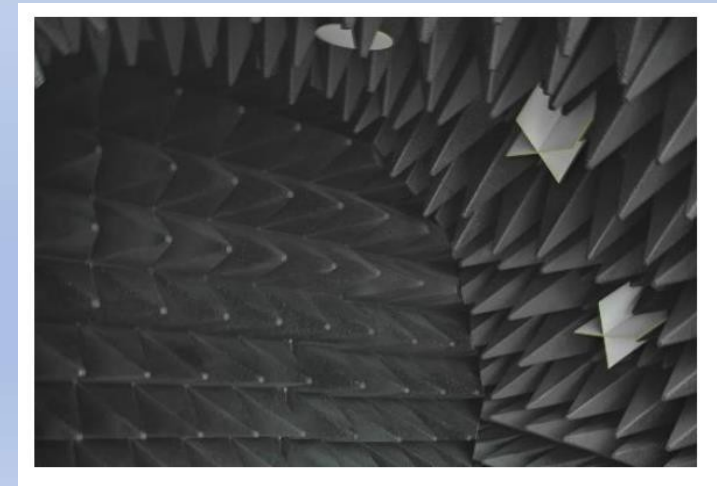
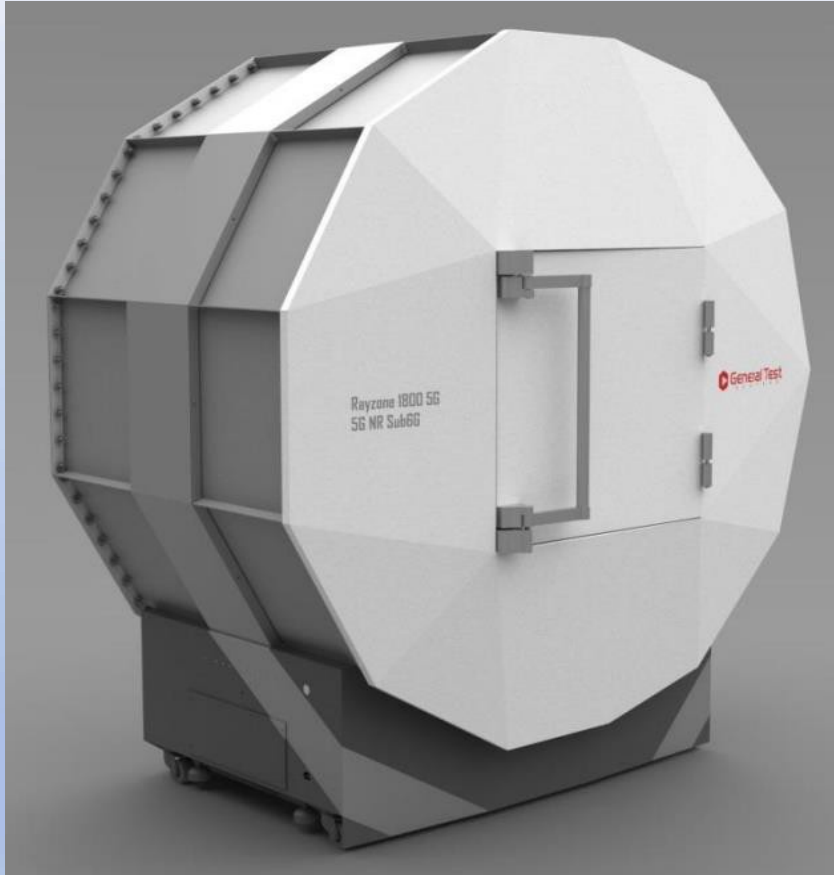
Date : **2023-08-31**



# Testing Environment



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# ANT SIZE

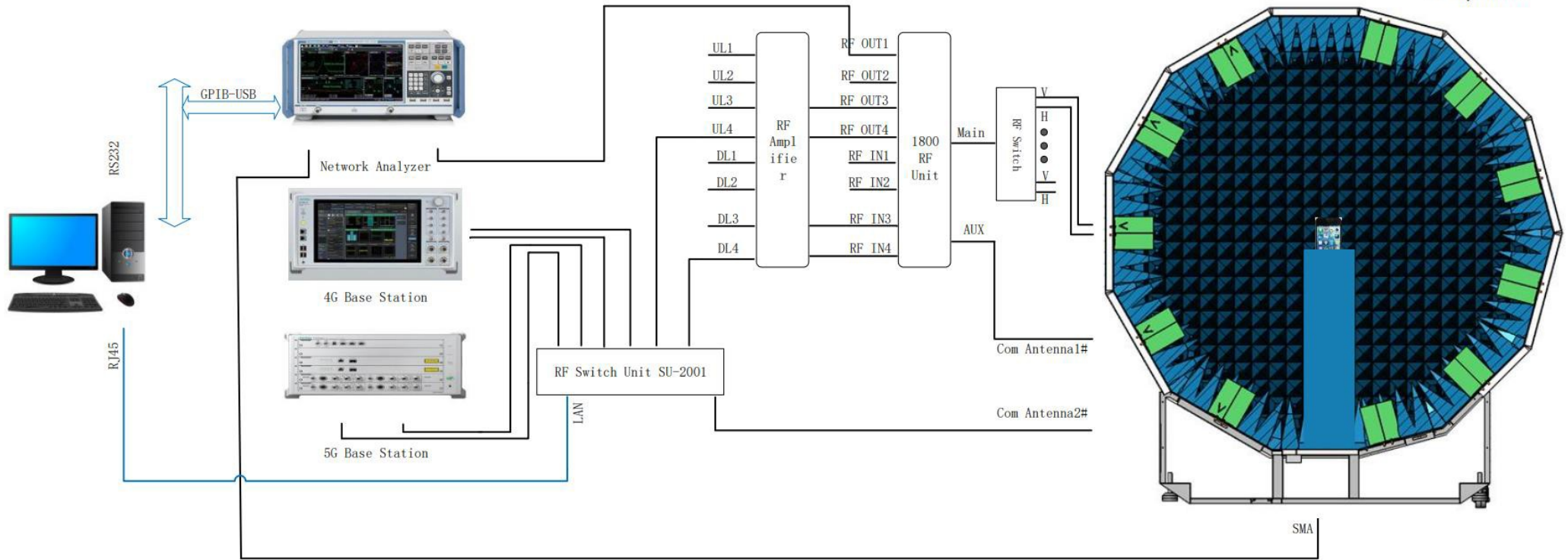


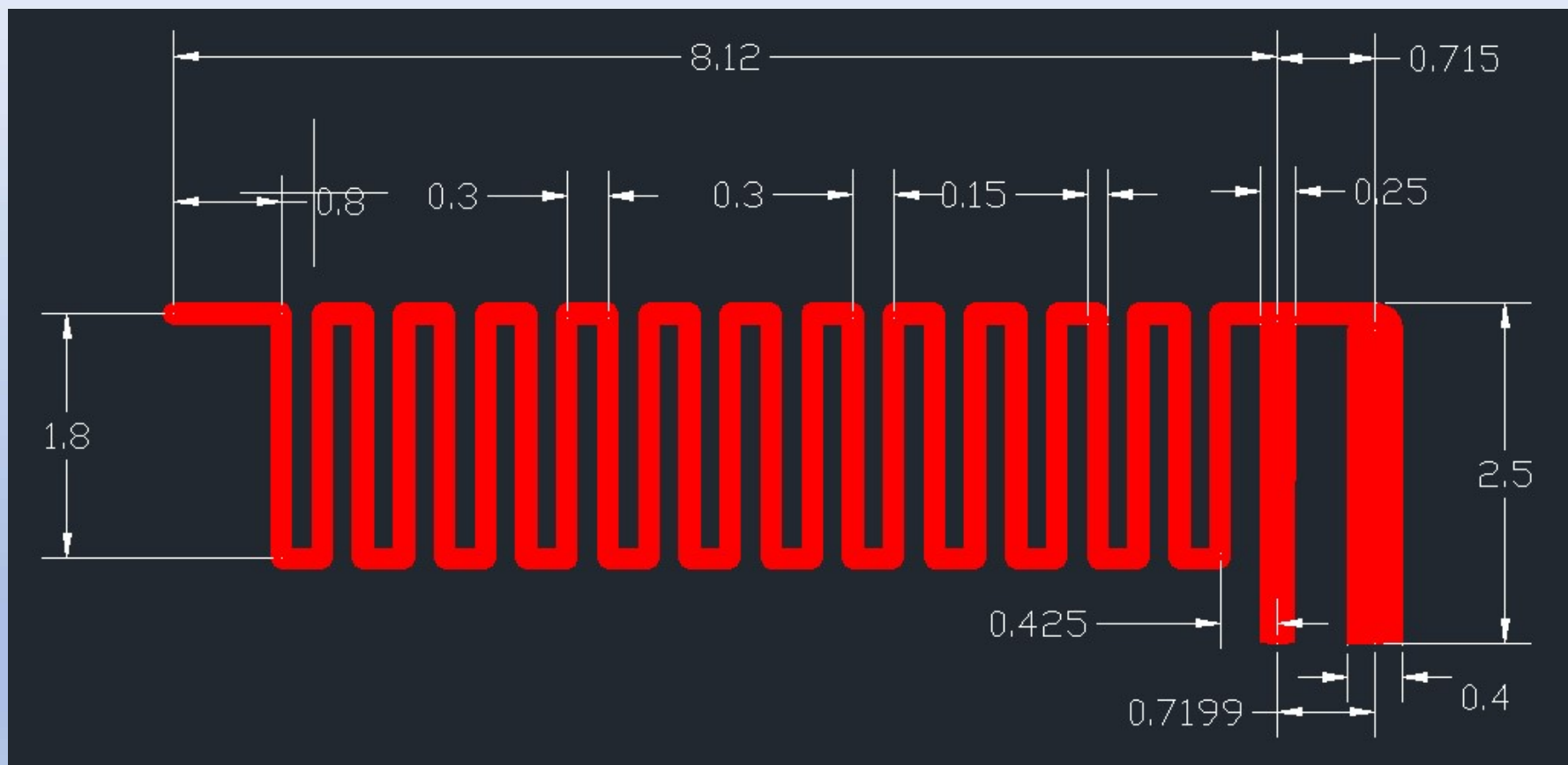
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## RayZone1800 Test Setup

Anechoic Chamber  
GTS RayZone1800



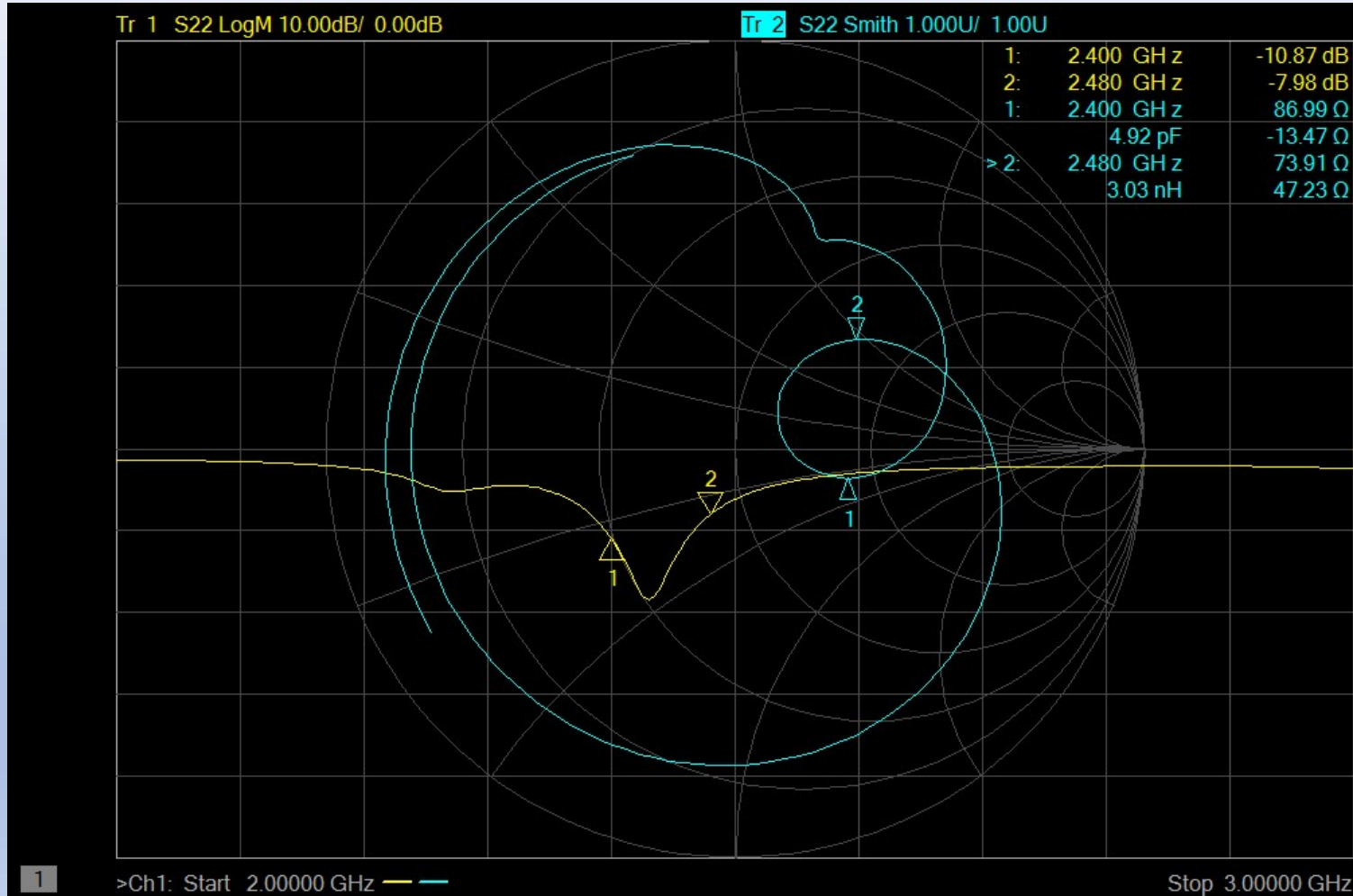


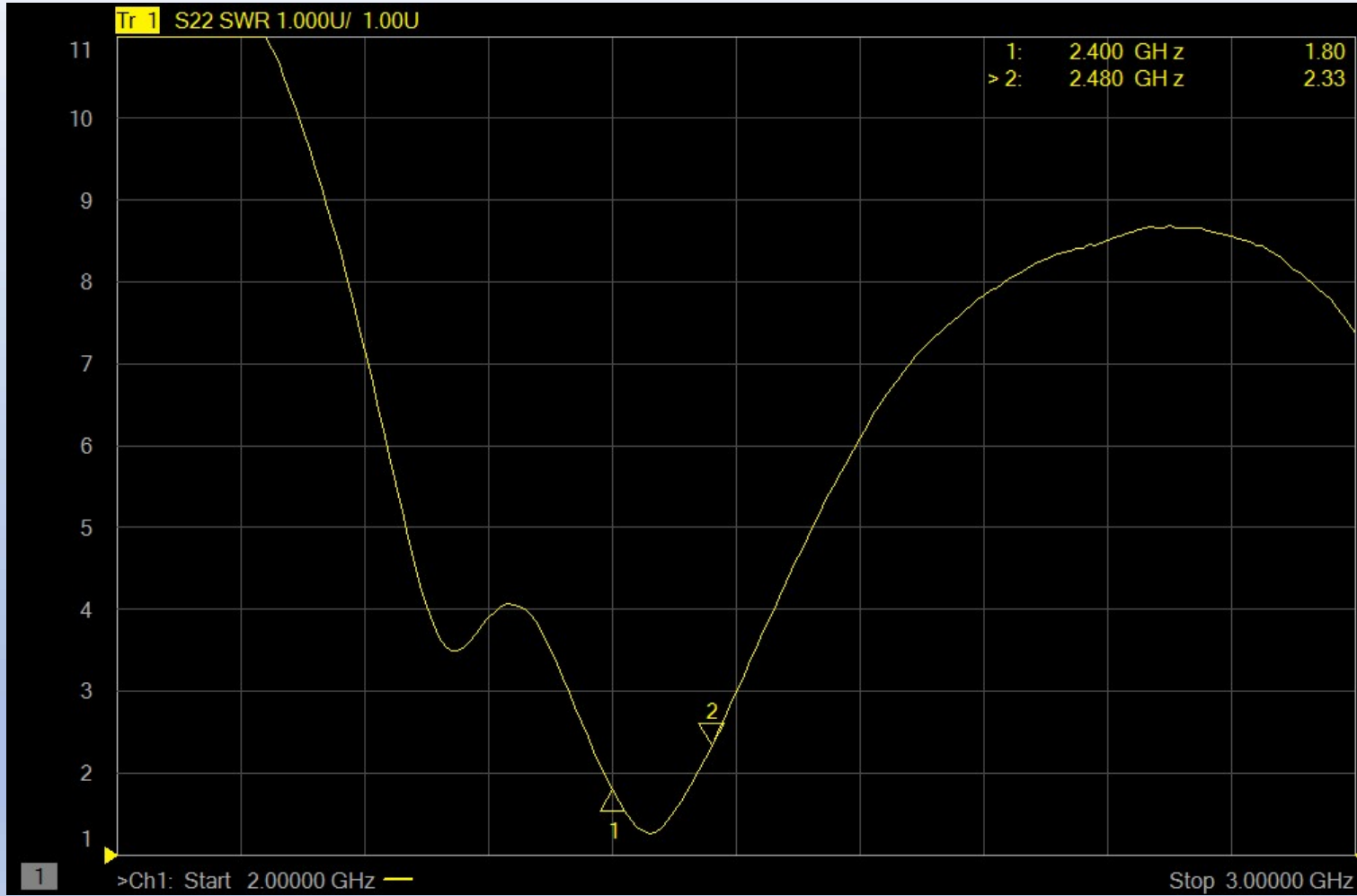
# Passive test data



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2.4G			
Freq	Efficiency_dB	Gain_dBi	Efficiency_Pcent_%
2400	-6.69	-2.97	21.45
2410	-6.51	-2.78	22.31
2420	-6.48	-2.7	22.5
2430	-6.61	-2.8	21.82
2440	-6.8	-2.97	20.88
2450	-7.09	-3.22	19.55
2460	-7.5	-3.52	17.77
2470	-7.95	-3.91	16.03
2480	-8.47	-4.42	14.21
2490	-8.98	-4.84	12.66
2500	-9.38	-5.16	11.54





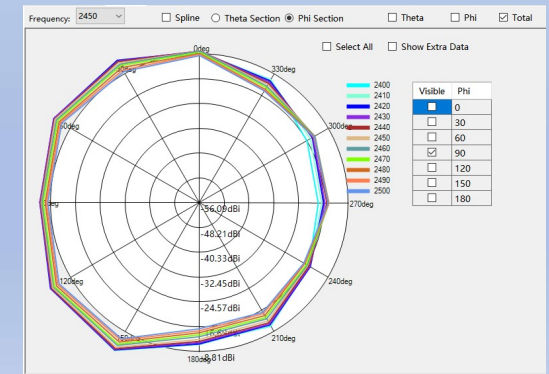
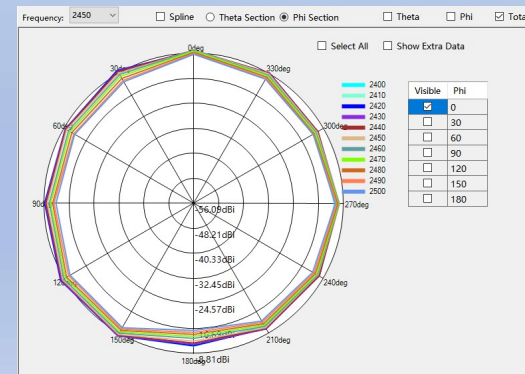
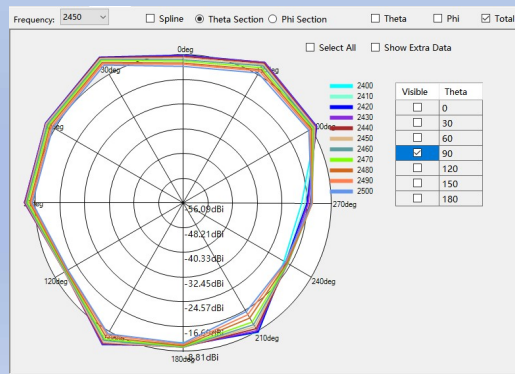
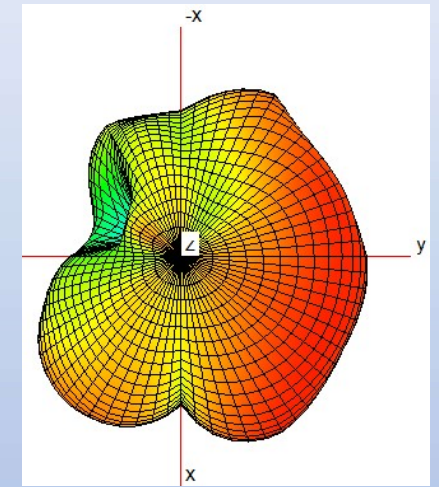
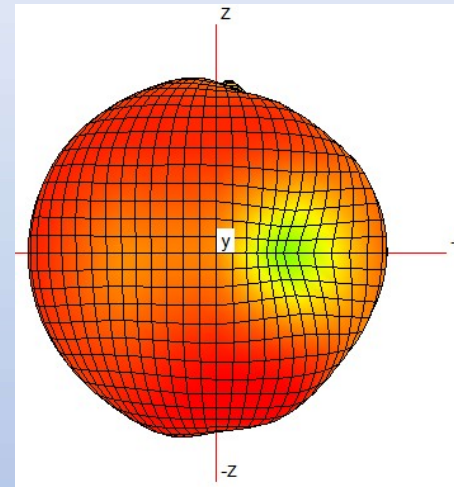
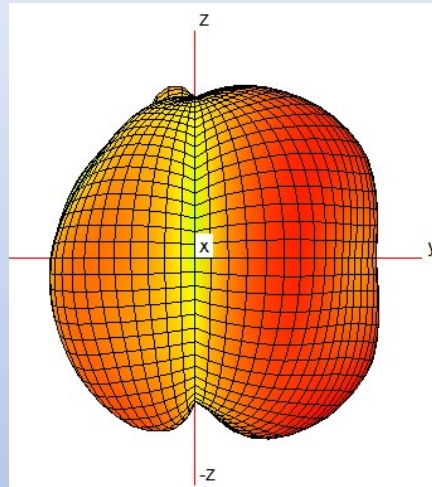
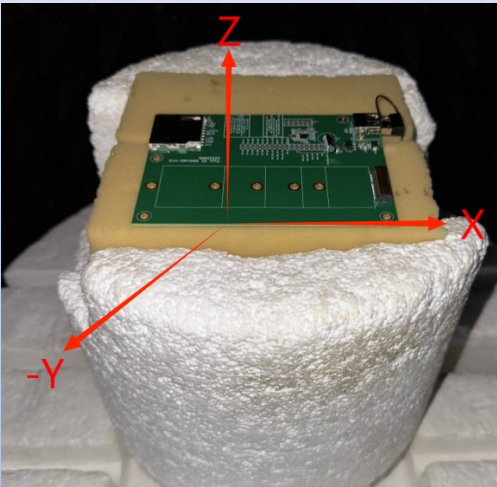


# 3D Radiation pattern



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2450MHz







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# 5G

Welcome calls consultations, negotiations and guidance come!

# Thank you

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