



SHENZHEN HANYANG ANTENNA DESIGN CO.LTD.

Antenna SPEC

Project name : **2.4G Antenna**

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

testing equipment : **Agilent E5071C**

Test engineer : **Yin Xin**

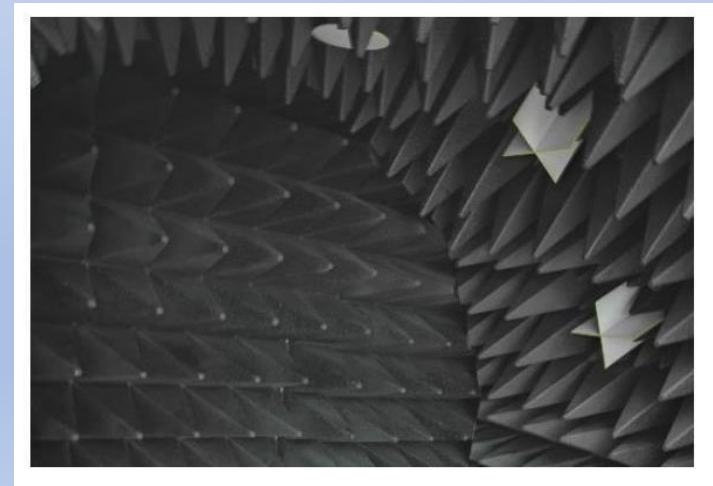
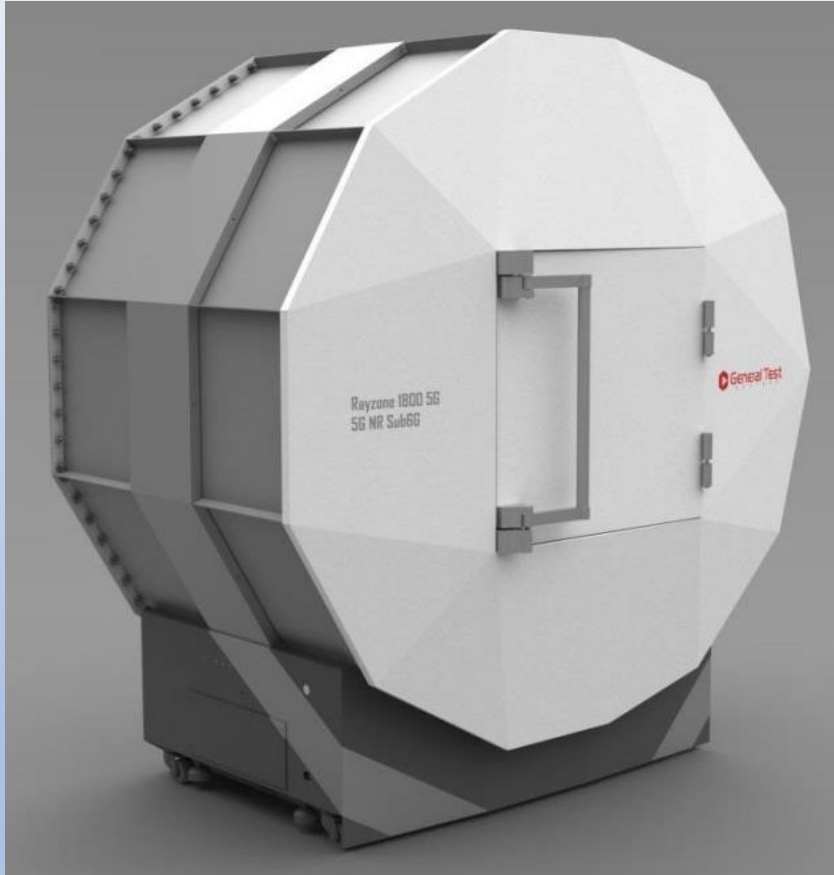
Add: R&D Building No.9, Main Park, Taohuayuan Science &Technology Innovation Park,
Shenzhen, China
Factory:7th Floor, Building C, Qin Cheng Industrial Park, Dalang Town,
Dongguan, Guangdong, China

Date : **2023-06-30**

Testing Environment



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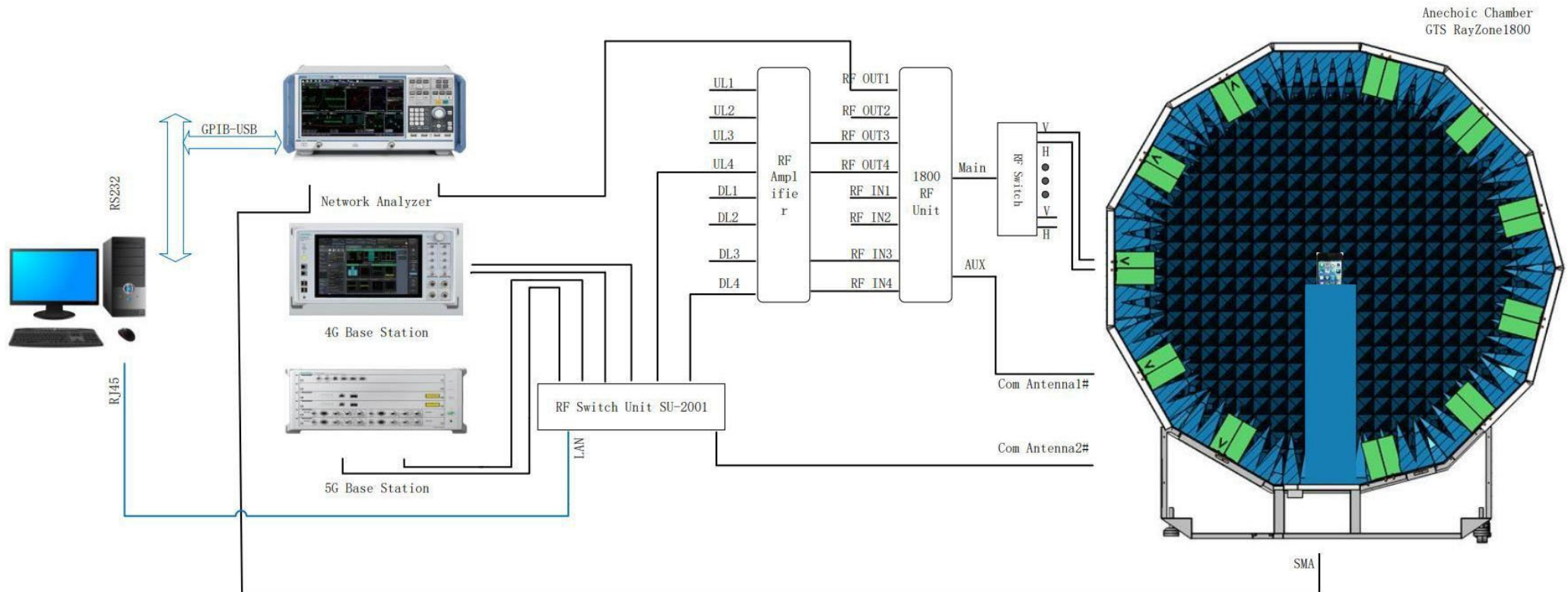
Testing Principle



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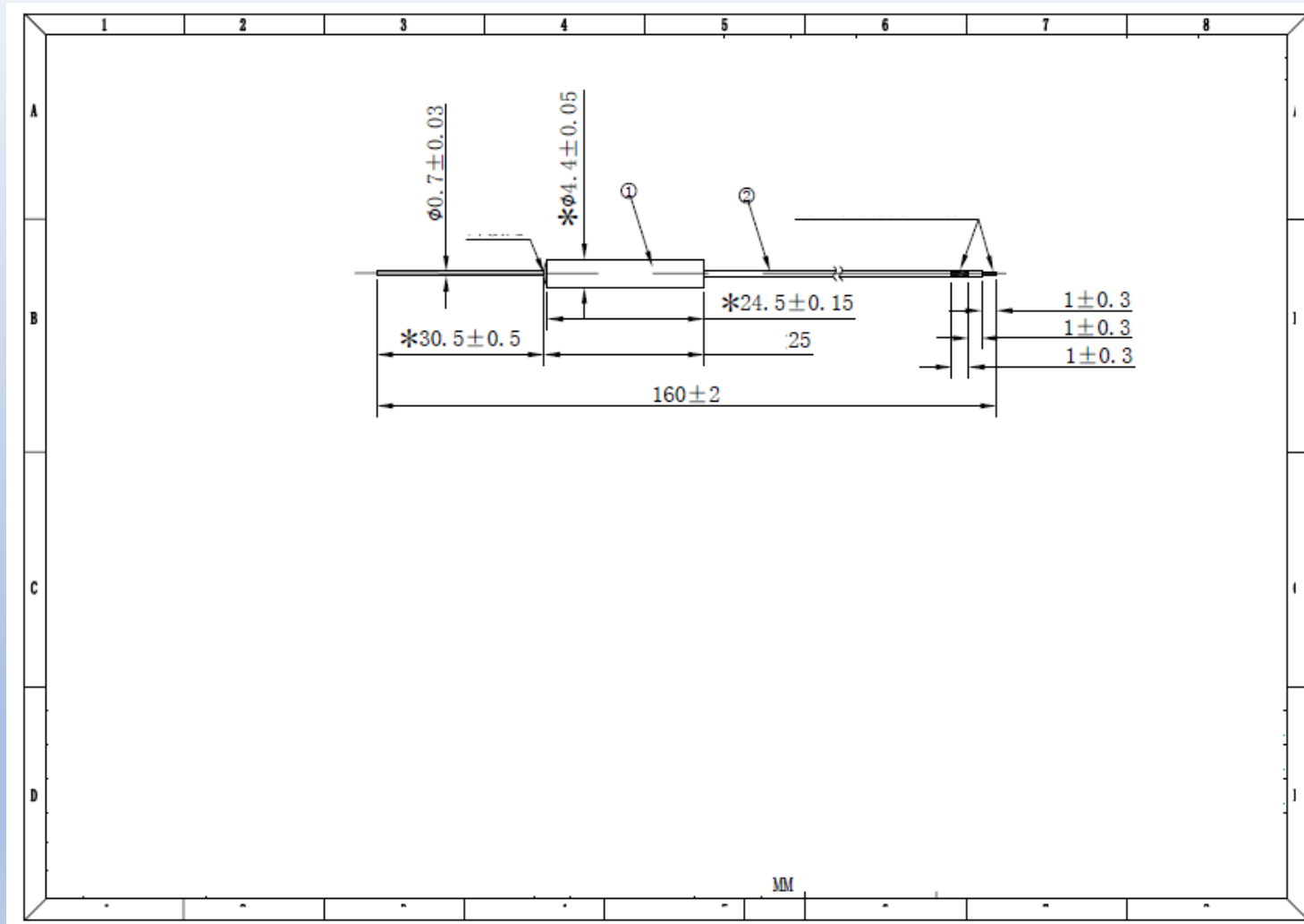
RayZone1800 Test Setup



Schedule drawing



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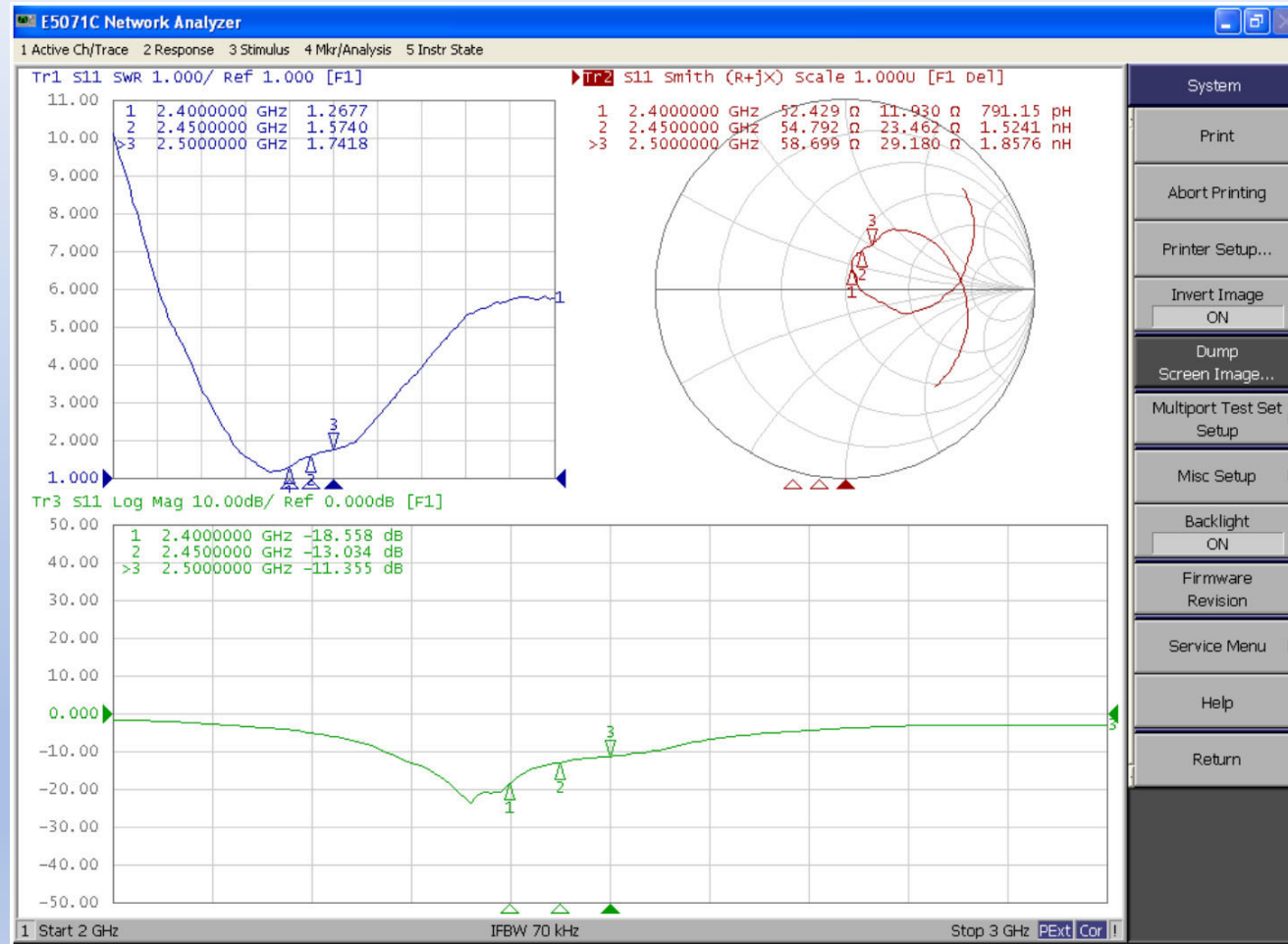
2.4G			
Freq (MHz)	Efficiency_dB	Gain_dBi	Efficiency_Pcent_%
2400	-2.99	1.68	50.2
2410	-2.94	1.69	50.83
2420	-2.84	1.74	52.01
2430	-2.8	1.77	52.52
2440	-2.68	1.86	53.96
2450	-2.62	1.9	54.73
2460	-2.6	1.95	54.94
2470	-2.54	2.02	55.76
2480	-2.47	2.16	56.6
2490	-2.46	2.17	56.8
2500	-2.49	2.2	56.35

S11&SWR&Smith



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2.4G

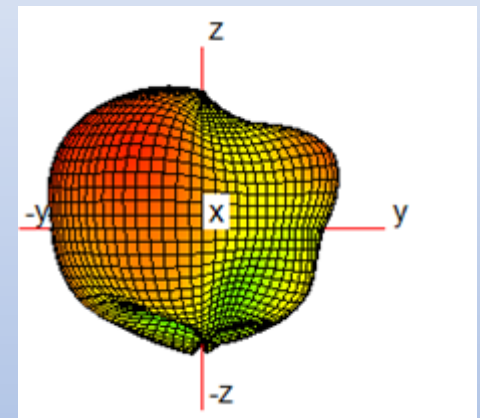
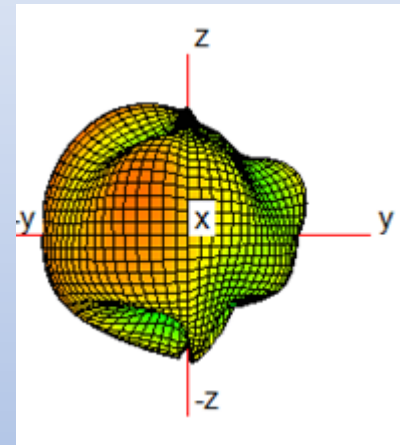
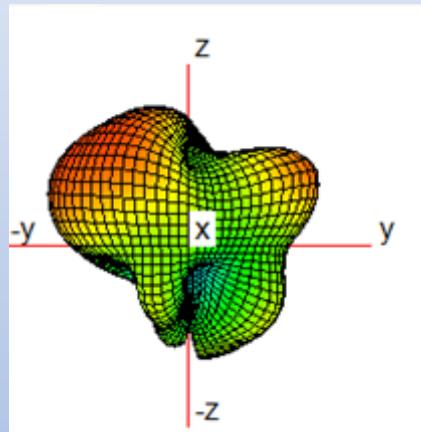


3D Radiation pattern



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2500MHz





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5G

Welcome calls consultations, negotiations and guidance come!

Thank you