

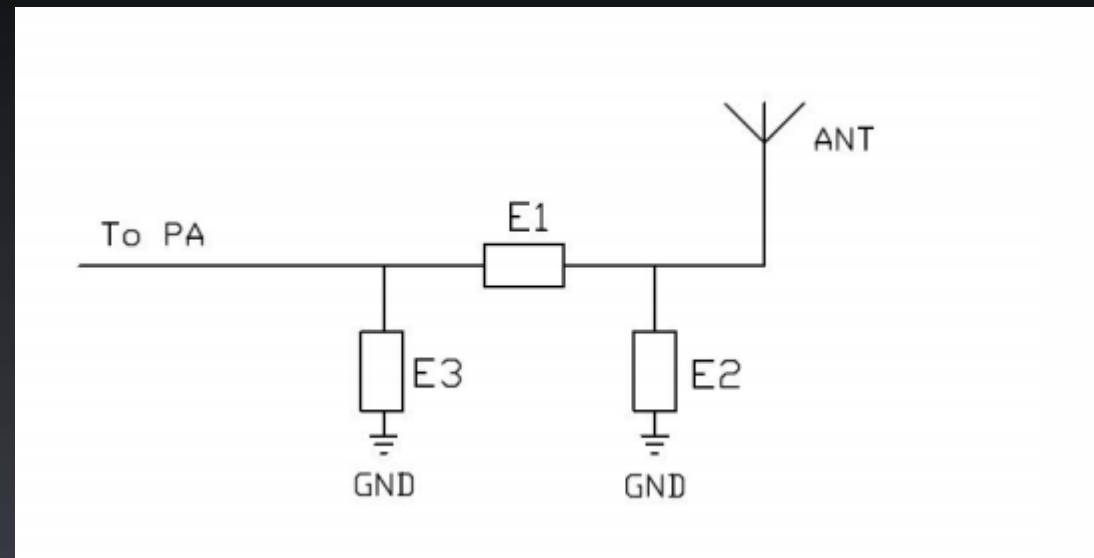
Basic Specifications

Specification	Descriptions
Model Name	ZTX-TC4-WIFI
Frequency	2.4~2.483GHz&5.15~5.85GHz
Connector Type	I-PEX
Gain	-3.03dBi@2.4~2.4835GHz 1.26dBi@5.15~5.25GHz 1.09dBi@5.725~5.85GHz

天线方案--总体方案

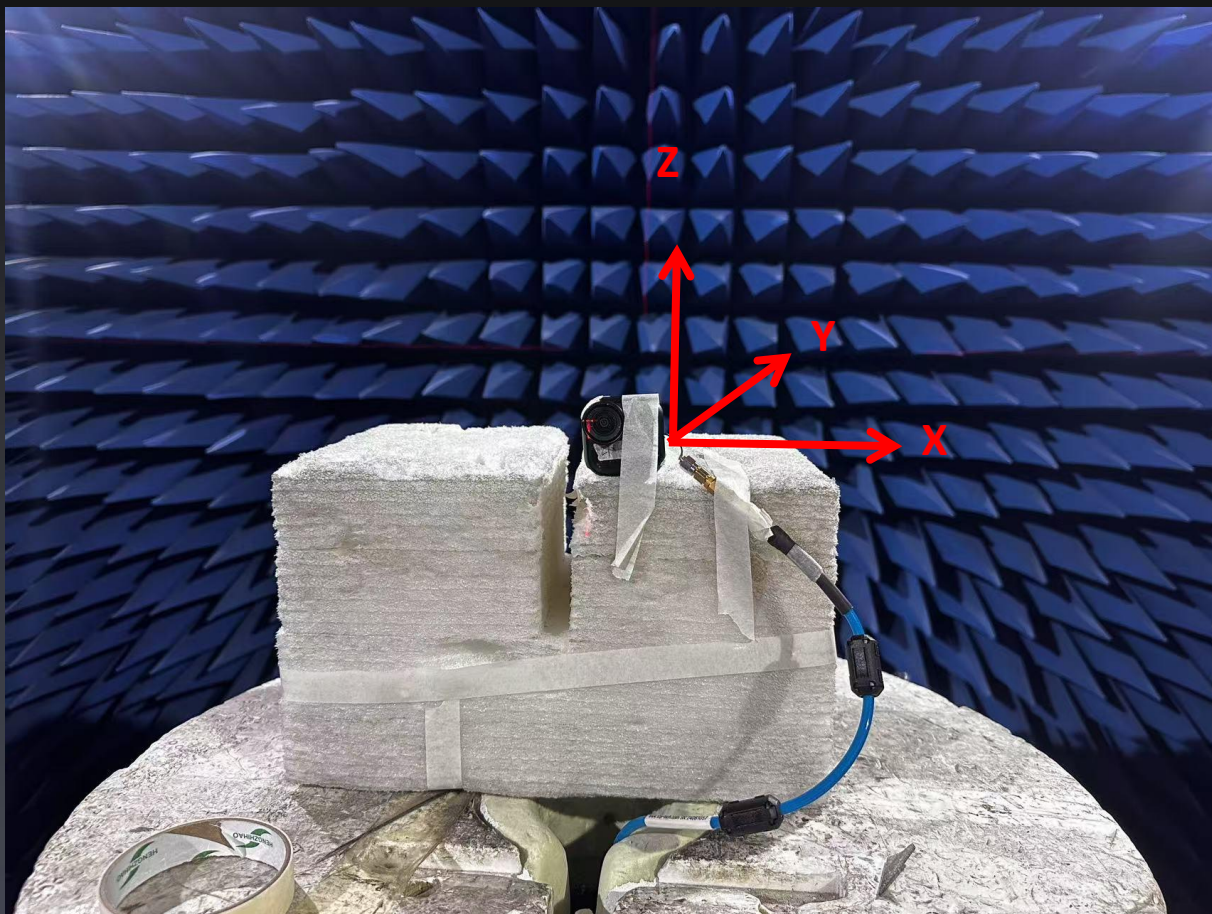


1.13mm线径Cable
线长25mm



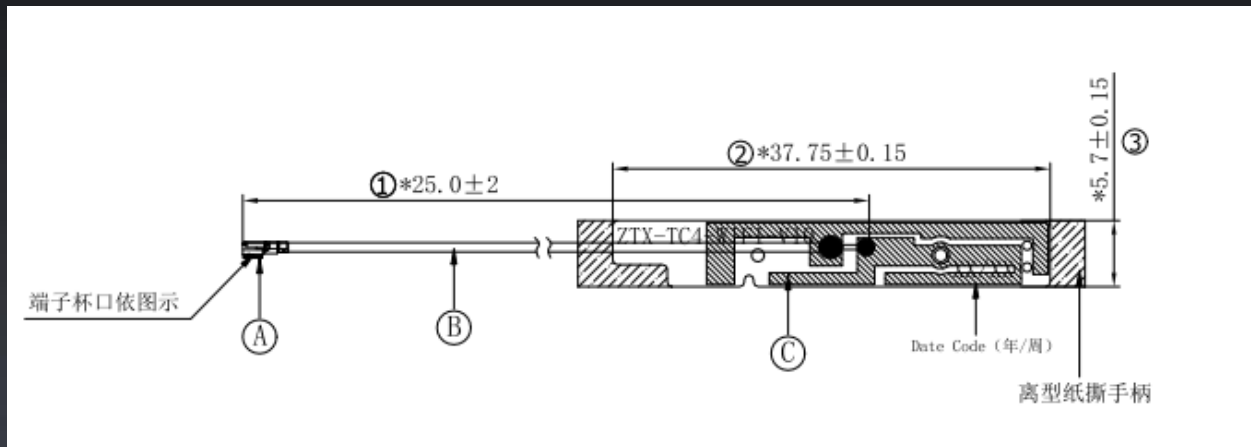
天线匹配	
E1	0Ω
E2	NC
E3	NC

天线测试状态



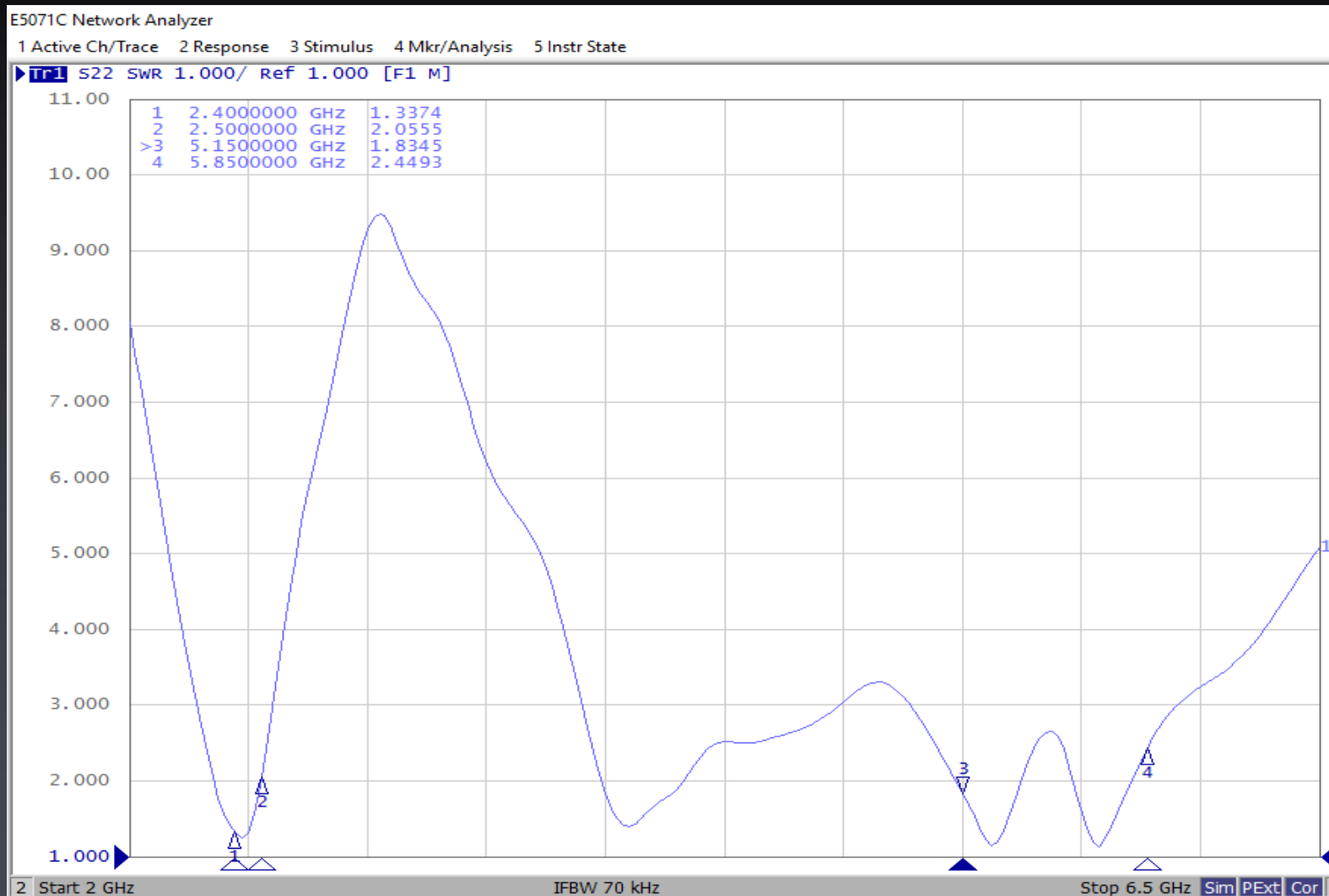
暗室型号：SG64

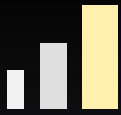
Structure drawing



37.75mm*5.7mm

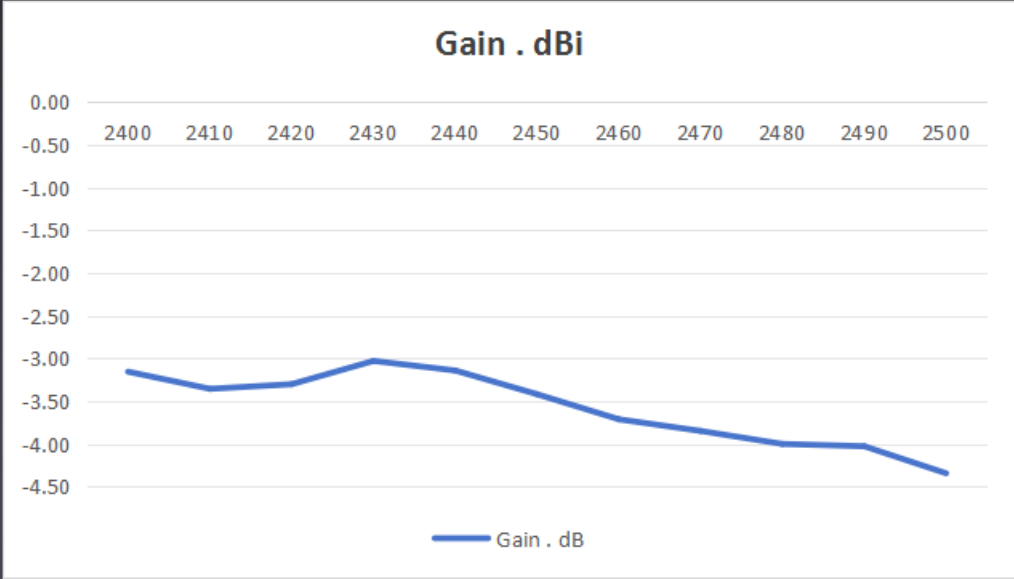
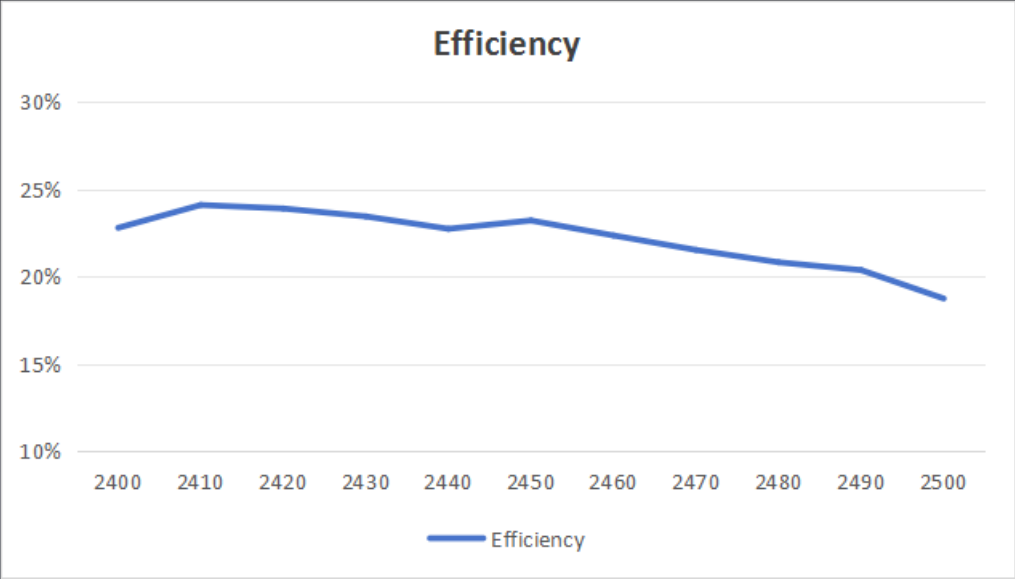
VSWR/S11





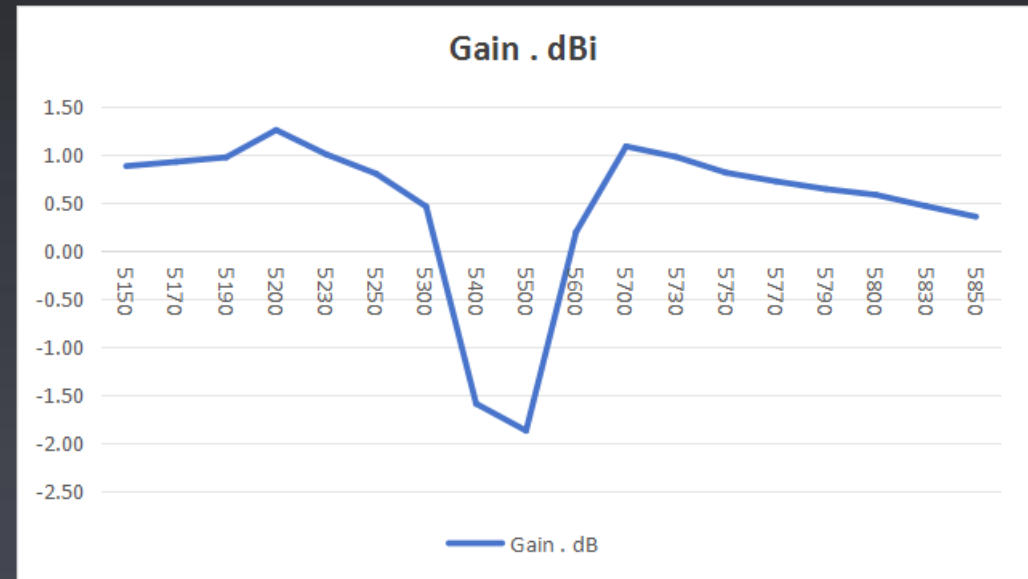
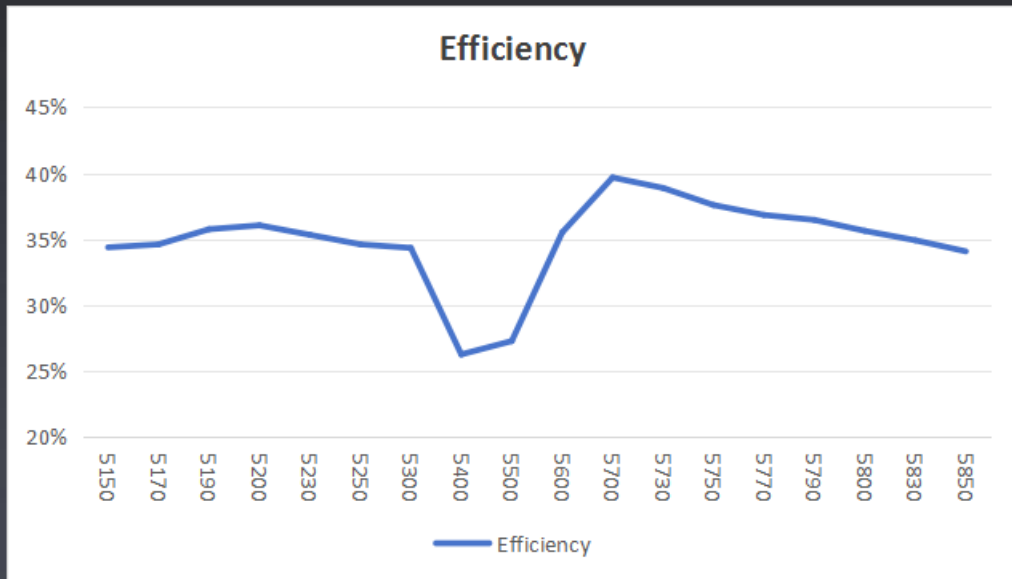
2.4G Gain & Efficiency

Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Efficiency	23%	24%	24%	23%	23%	23%	22%	22%	21%	20%	19%
Efficiency (dB)	-6.42	-6.18	-6.21	-6.30	-6.43	-6.34	-6.50	-6.67	-6.81	-6.91	-7.27
Gain (dBi)	-3.15	-3.36	-3.30	-3.03	-3.14	-3.42	-3.71	-3.85	-4.00	-4.03	-4.34



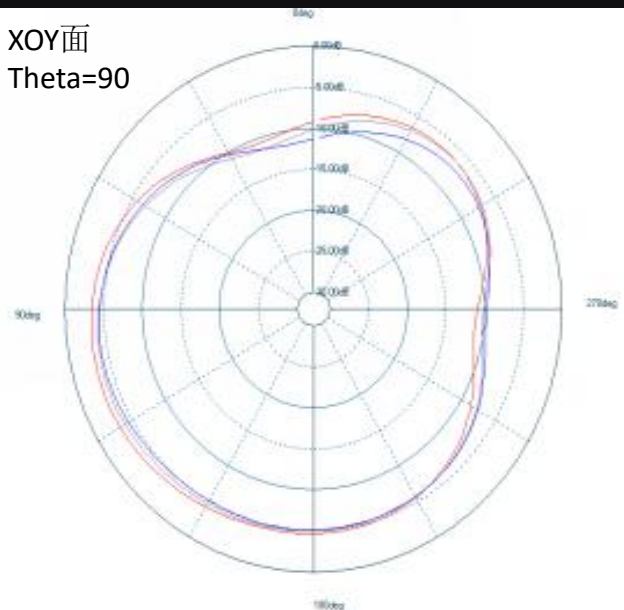
5G Gain & Efficiency

Frequency (MHz)	5150	5170	5190	5200	5230	5250	5300	5400	5500	5600	5700	5730	5750	5770	5790	5800	5830	5850
Efficiency	34%	35%	36%	36%	35%	35%	34%	26%	27%	36%	40%	39%	38%	37%	36%	36%	35%	34%
Efficiency (dB)	-4.64	-4.61	-4.47	-4.43	-4.52	-4.61	-4.64	-5.81	-5.64	-4.50	-4.02	-4.10	-4.25	-4.34	-4.38	-4.48	-4.57	-4.68
Gain (dBi)	0.89	0.93	0.98	1.26	1.01	0.81	0.47	-1.58	-1.87	0.20	1.09	0.98	0.82	0.73	0.65	0.59	0.47	0.36

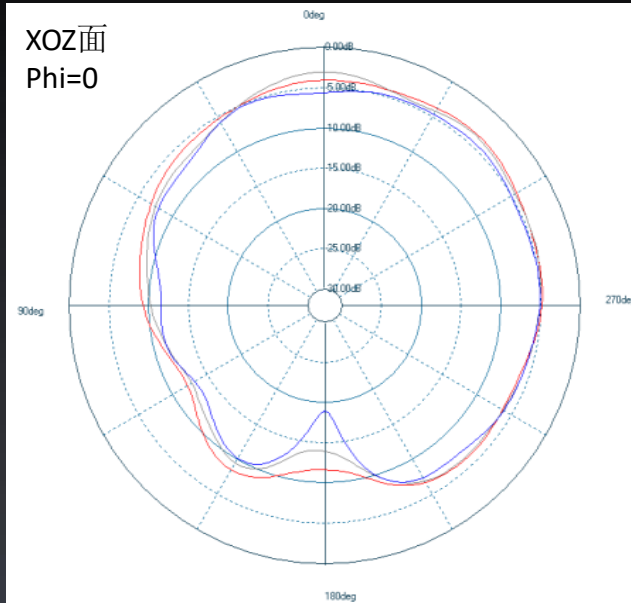


2.4G Radiation pattern

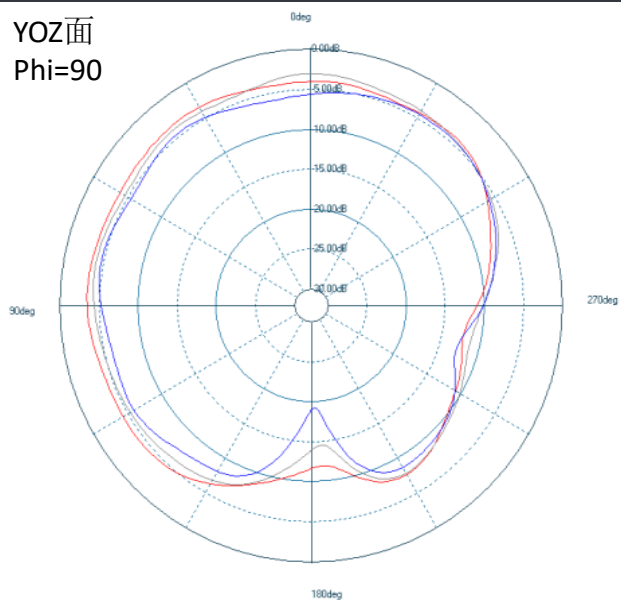
XOY面
Theta=90



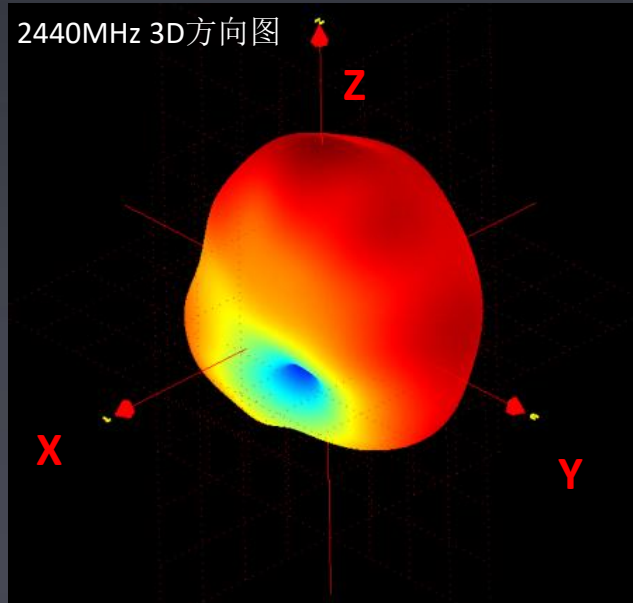
XOZ面
Phi=0



YOZ面
Phi=90

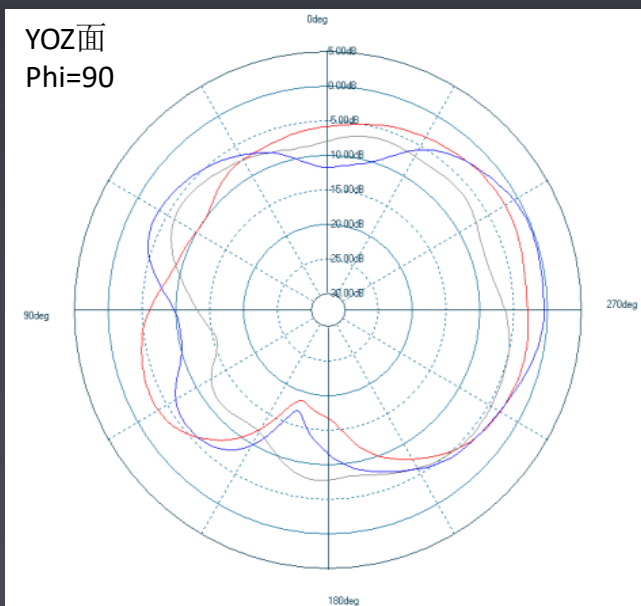
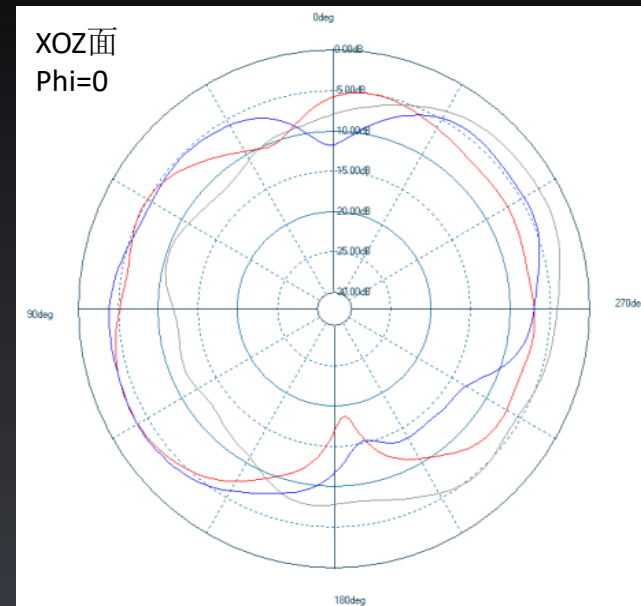
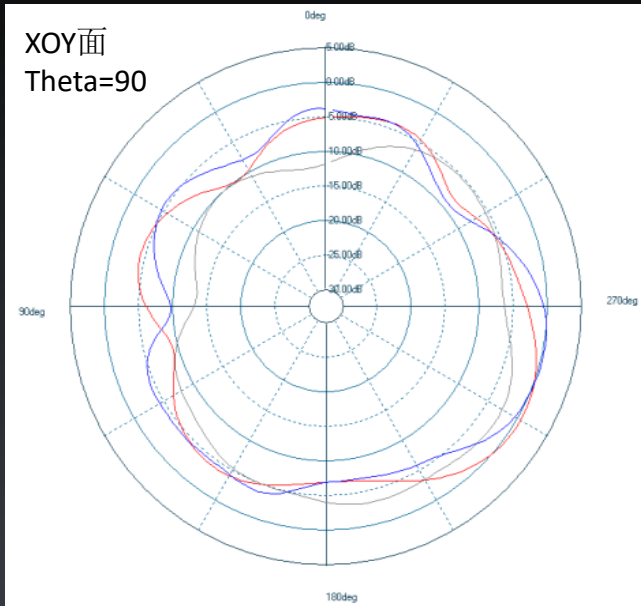


2440MHz 3D方向图



3D文件.zip

5G Radiation pattern



3D文件.zip

