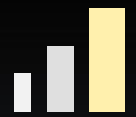


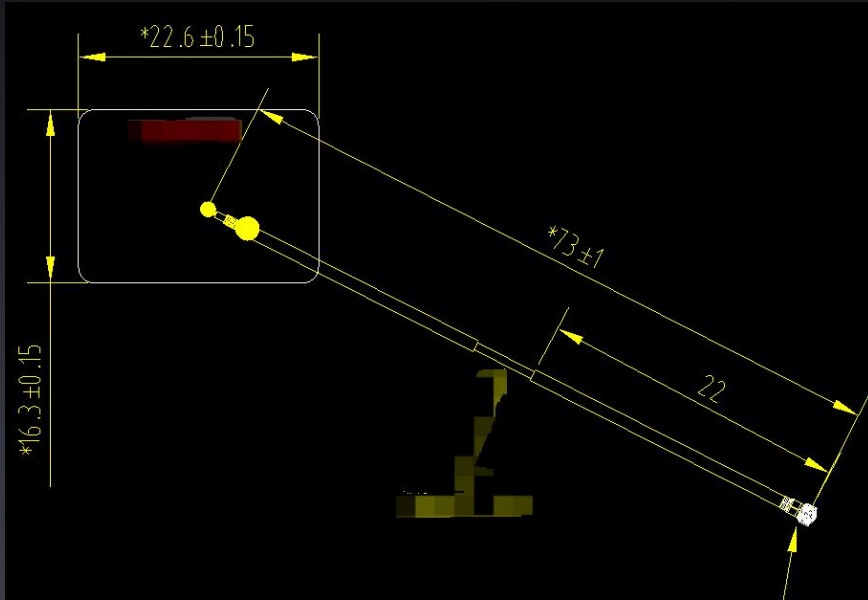
A3 Antenna Test Report



Basic Specifications

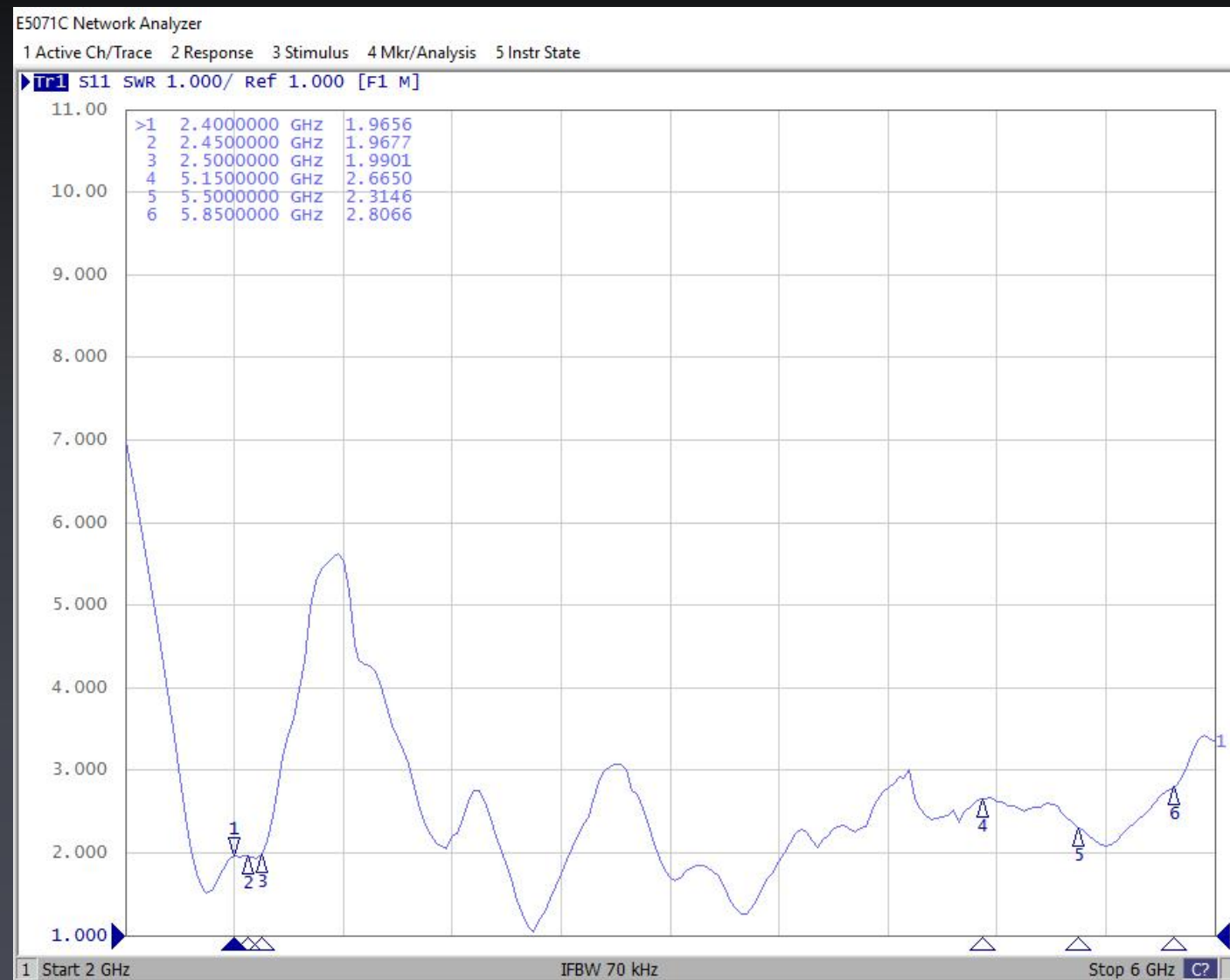
Specification	Descriptions
Frequency	2.4~2.483GHz&5.15~5.875GHz
Connector Type	I-PEX
Gain	1.2dBi@2.4~2.4835GHz 2.6dBi@5.15~5.25GHz 2dBi@5.725~5.85GHz

Structure drawing



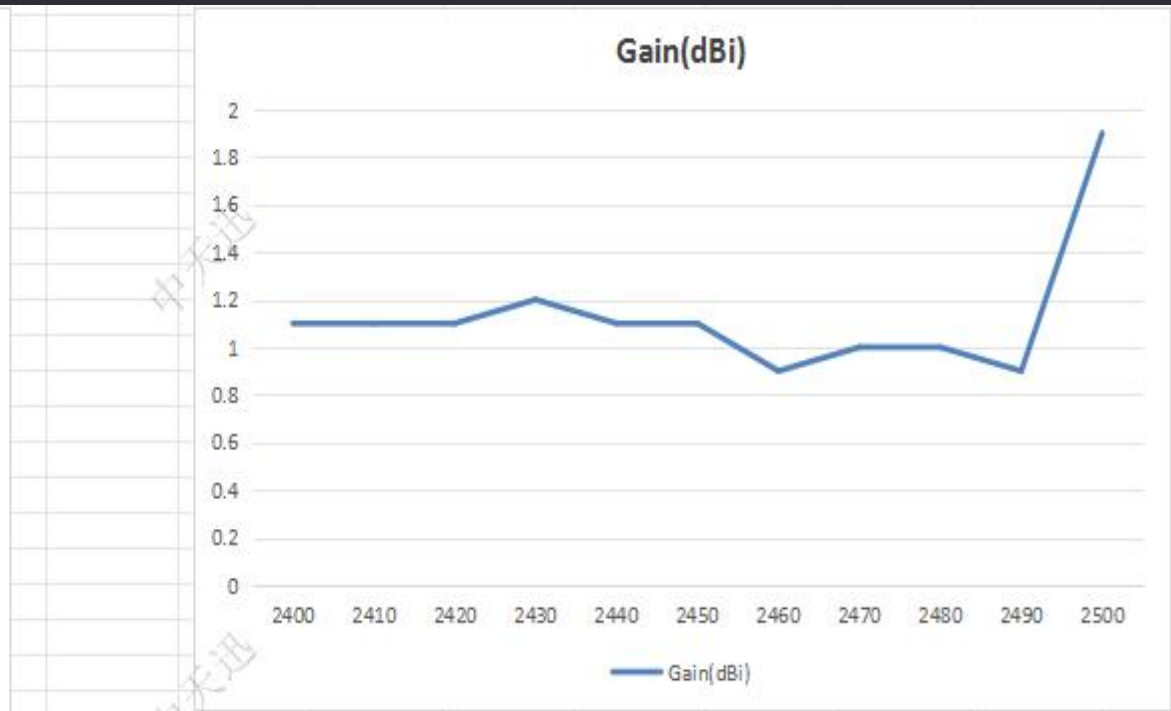
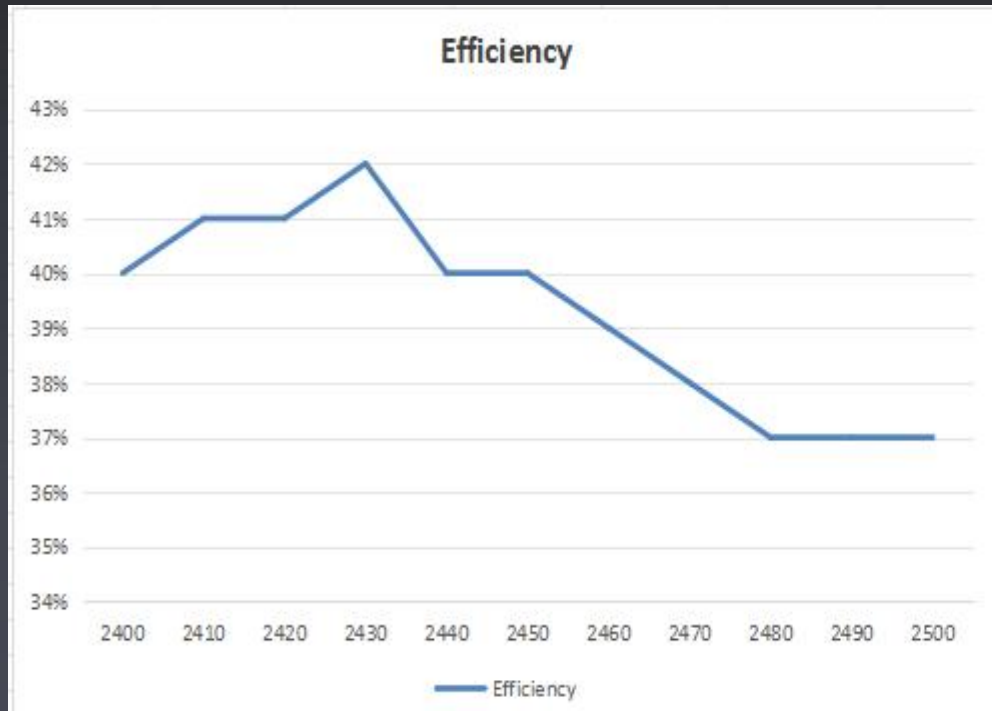
Antenna Size: 22.6mm*16.3mm

VSWR/S11



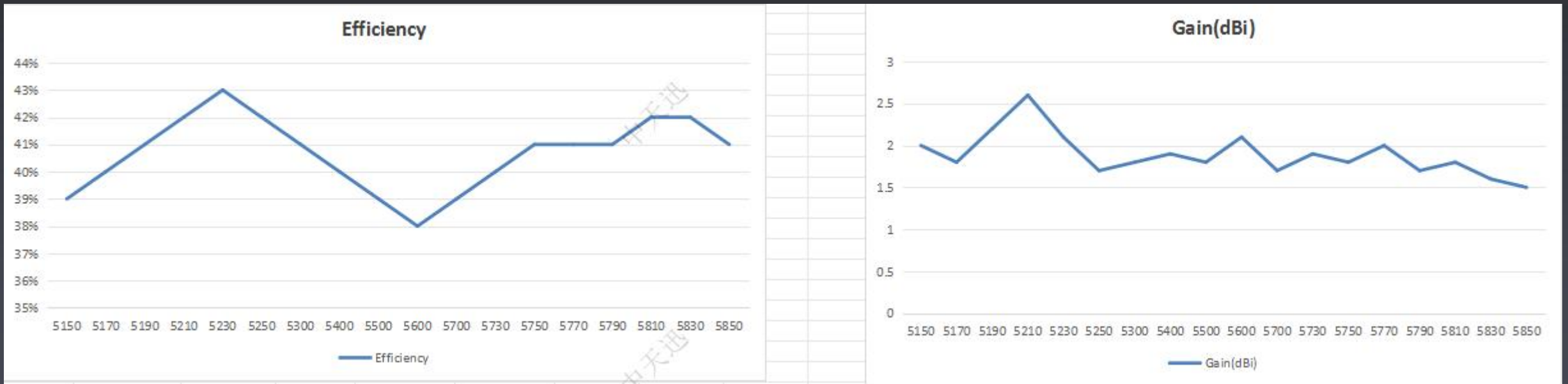
2.4G Gain & Efficiency

Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Efficiency	40%	41%	41%	42%	40%	40%	39%	38%	37%	37%	37%
Efficiency (dB)	-4.0	-3.9	-3.9	-3.8	-4.0	-4.0	-4.1	-4.2	-4.3	-4.3	-4.3
Gain (dBi)	1.1	1.1	1.1	1.2	1.1	1.1	0.9	1	1	0.9	1.9

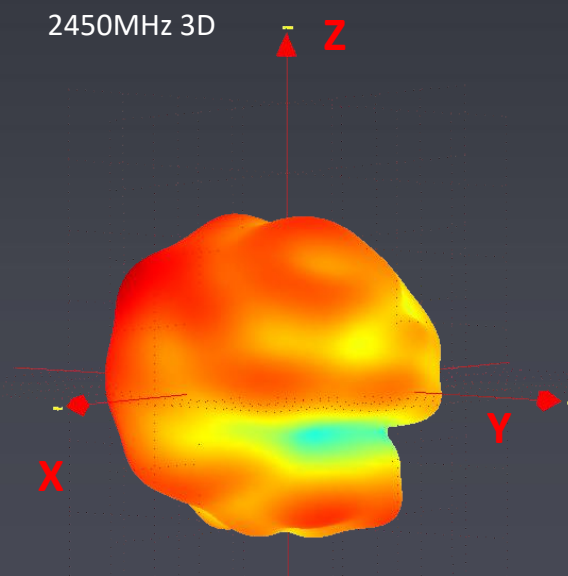
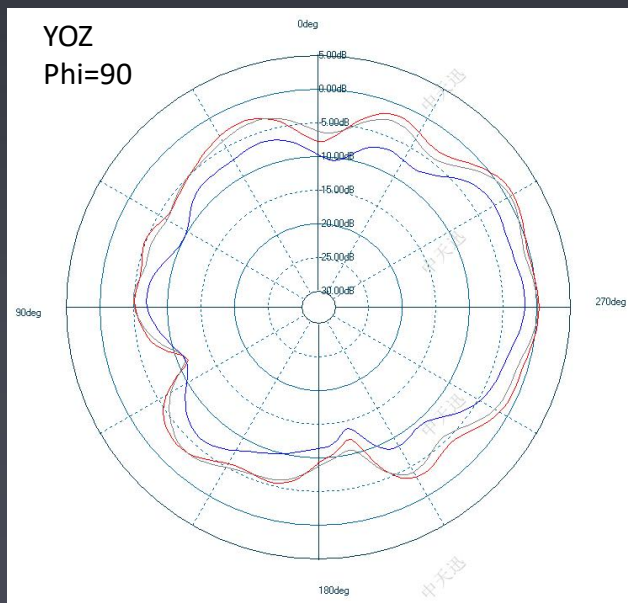
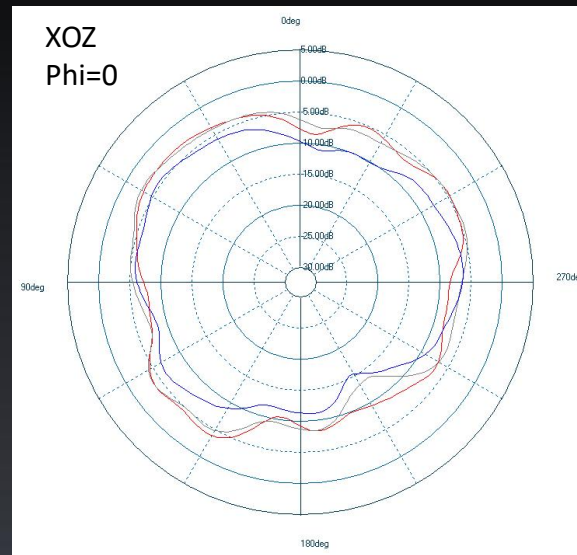
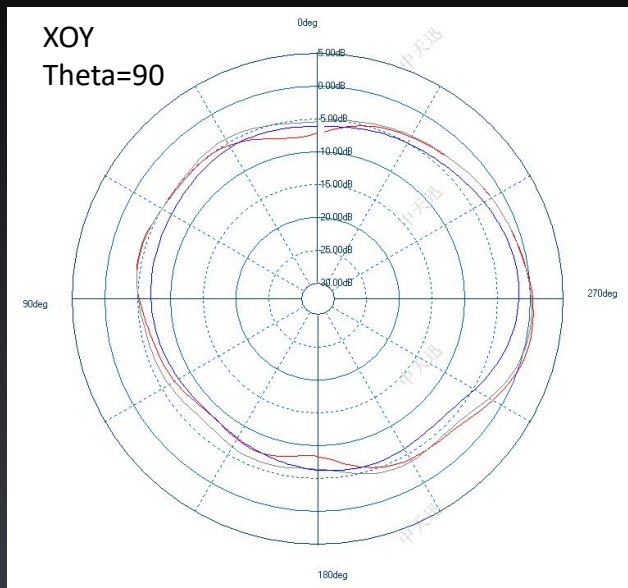


5G Gain & Efficiency

Frequency (MHz)	5150	5170	5190	5210	5230	5250	5300	5400	5500	5600	5700	5730	5750	5770	5790	5810	5830	5850
Efficiency	39%	40%	41%	42%	43%	42%	41%	40%	39%	38%	39%	40%	41%	41%	41%	42%	42%	41%
Efficiency(dB)	-4.1	-4.0	-3.9	-3.8	-3.7	-3.8	-3.9	-4.0	-4.1	-4.2	-4.1	-4.0	-3.9	-3.9	-3.9	-3.8	-3.8	-3.9
Gain(dBi)	2	1.8	2.2	2.6	2.1	1.7	1.8	1.9	1.8	2.1	1.7	1.9	1.8	2	1.7	1.8	1.6	1.5

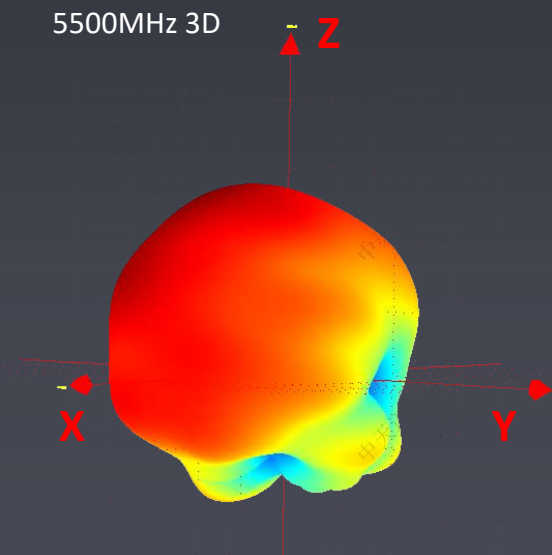
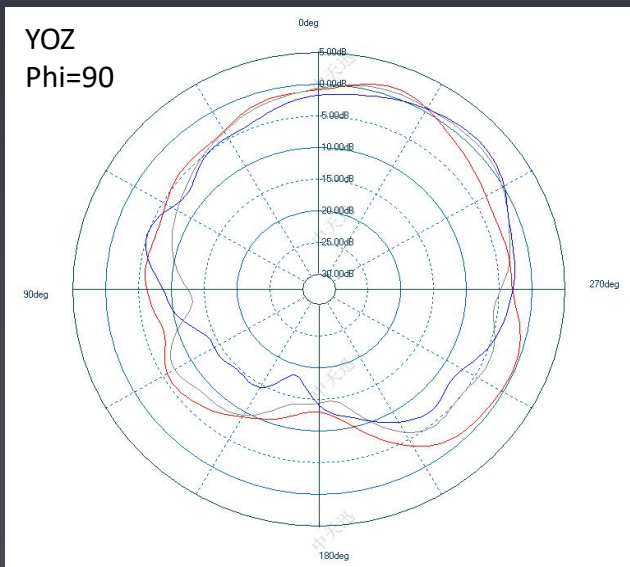
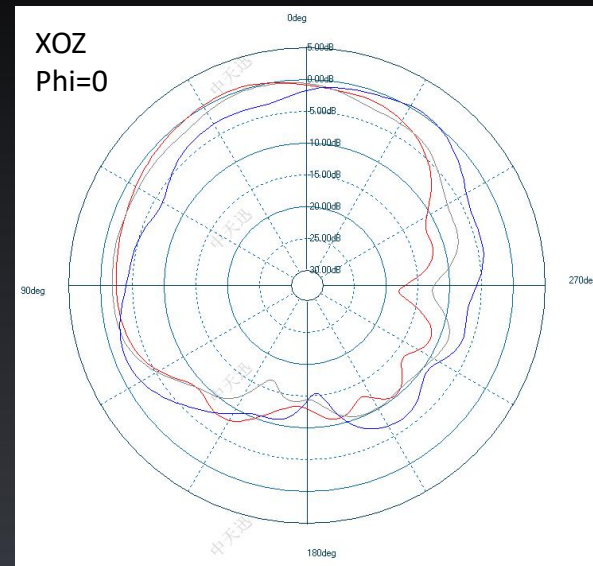
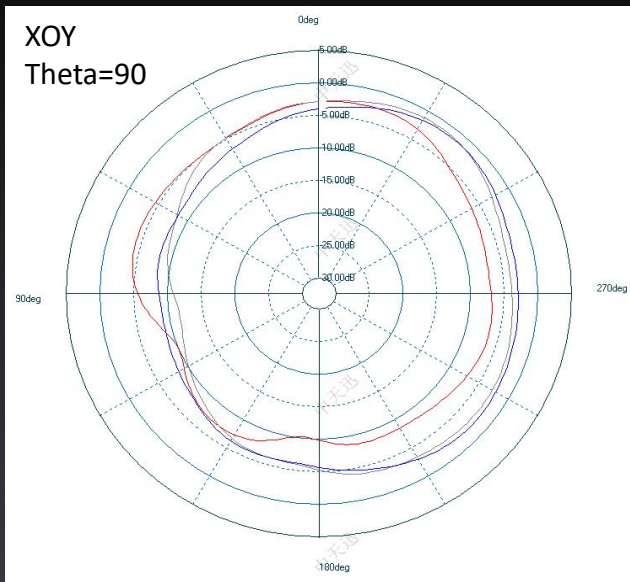


2.4G Radiation pattern



OglDatas16-A3-2
450.ogl

5G Radiation pattern



OglDatas16-A3-5
500.ogl

Thank You