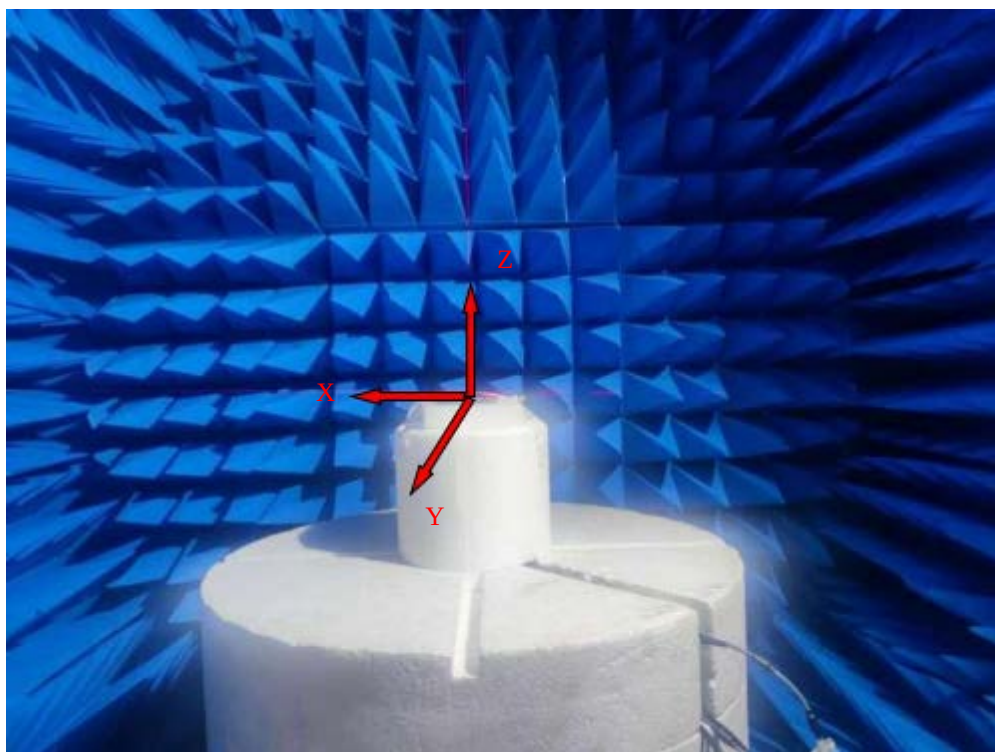


2.4G-2.48G 频段板载 PIFA 天线测试报告

SPECIFICATIONS

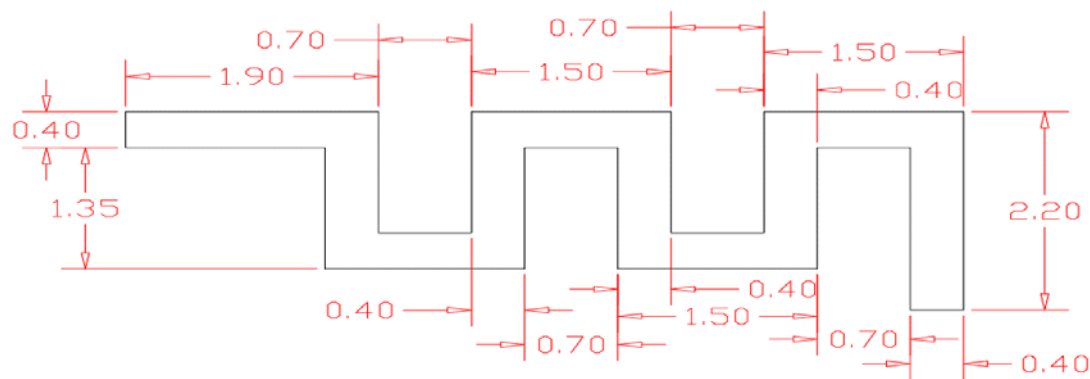
Frequency (MHz)	2400-2480
Peak Gain (dBi)	2.499
Average Gain (dBi)	> -4
VSWR	< 3.2
Impedance (Ω)	50 Ω
Antenna Type	Plannar Inverted F Antenna on boar
Polarization	Linear

测试环境： 中科国技暗室测试系统



Taishan Xiongqi Electronics Co., Ltd.
Liyin Industrial Park, Shui Bu Town, Taishan City, Jiangmen City

天线实物及物理尺寸



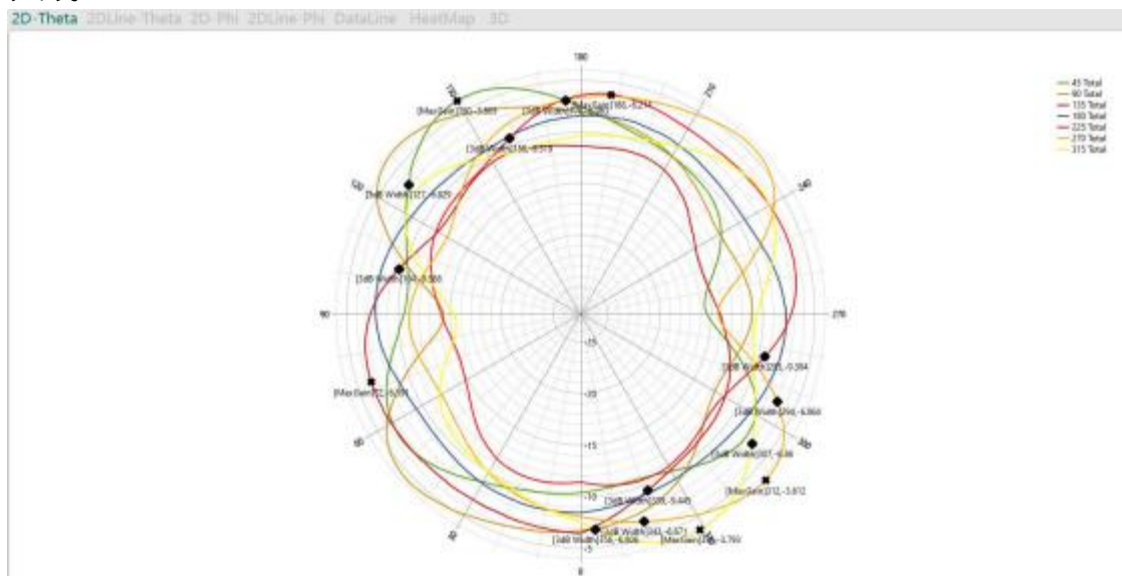
天线无源 S 参数：
驻波比（VSWR）、回波损耗（Return Loss）及史密斯圆图



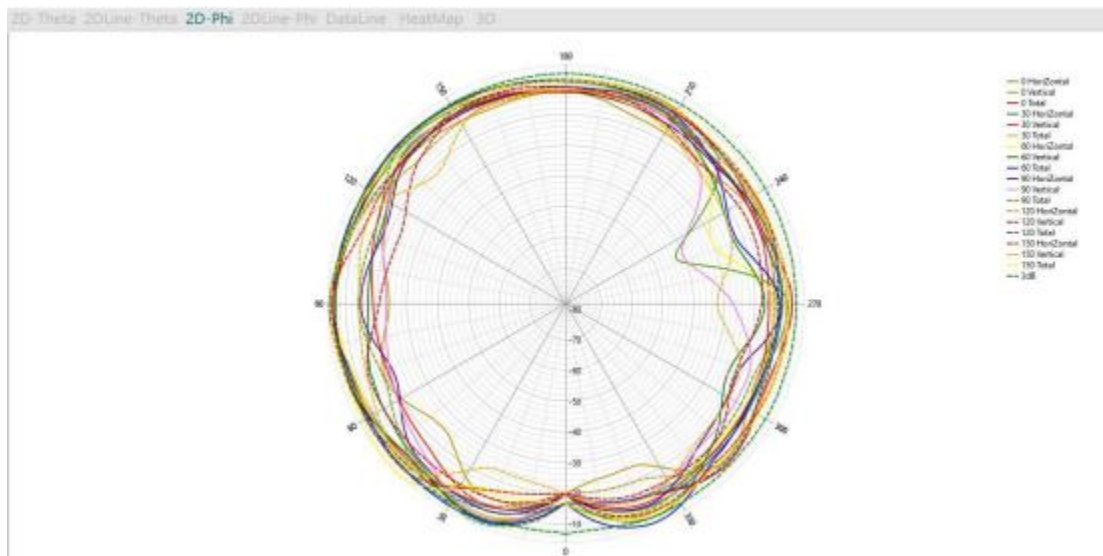
Frequency (MHz)	Gain (dBi)	Efficiency (%)	AverageGain (dBi)
2400	1.433	59.329%	-2.717

2410	0.927	51.861%	-3.416
2420	0.829	52.112%	-3.166
2430	0.881	49.299%	-3.258
2440	1.192	50.672%	-3.144
2450	1.688	53.067%	-2.735
2460	2.194	59.423%	-2.276
2470	2.118	56.680%	-2.438
2480	2.499	61.727%	-2.112
Average	1.529	54.908%	-2.806
Peak	2.499	61.727%	-2.112

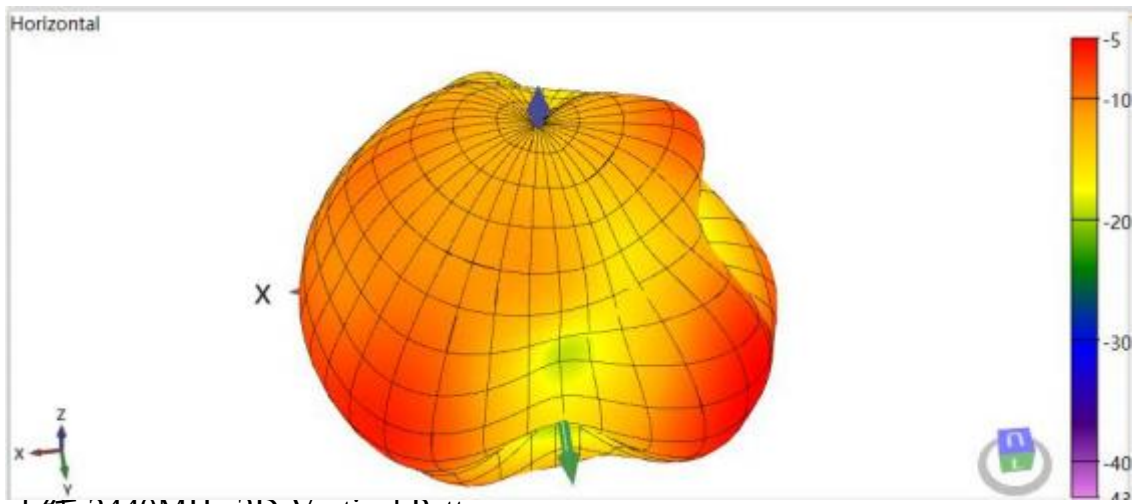
天线 2440MHz 2D-Theta Pattern



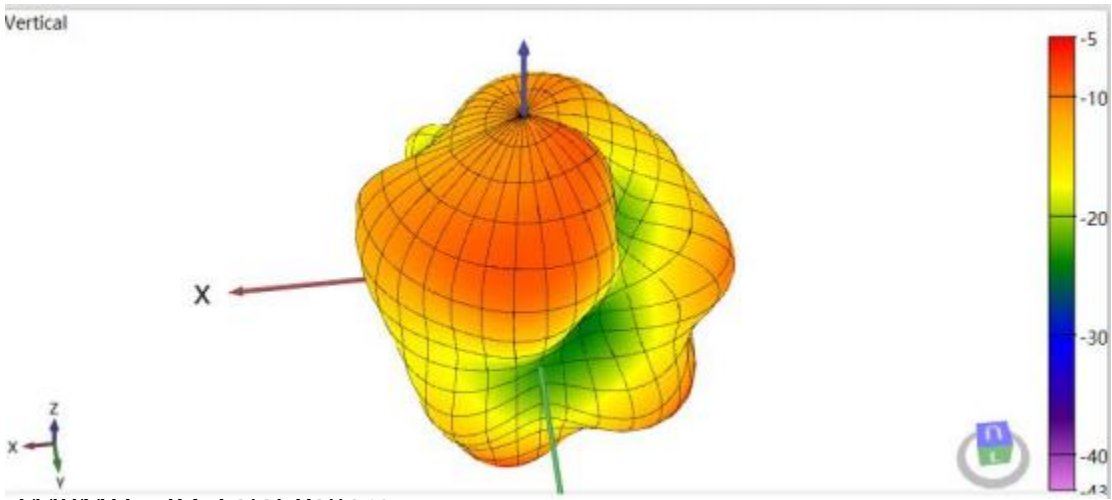
天线 2440MHz 2D-Phi Pattern



天线 2440MHz 3D-Horizontal Pattern



大线 2440MHz 3D-Vertical Pattern



2440MHz 3D-Total Pattern

