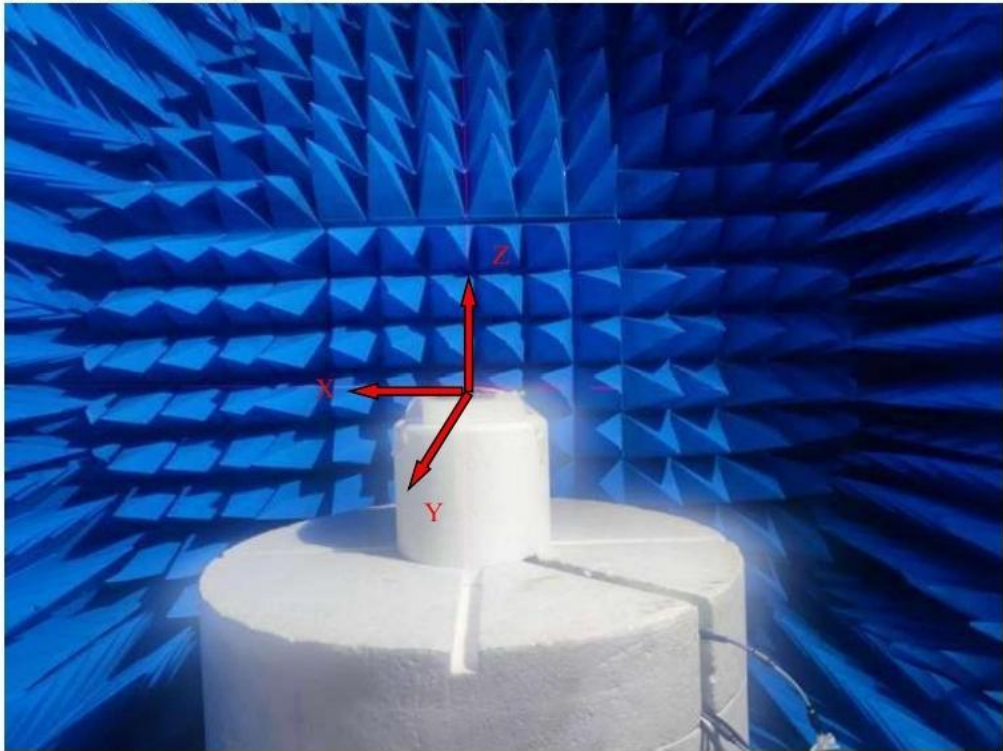


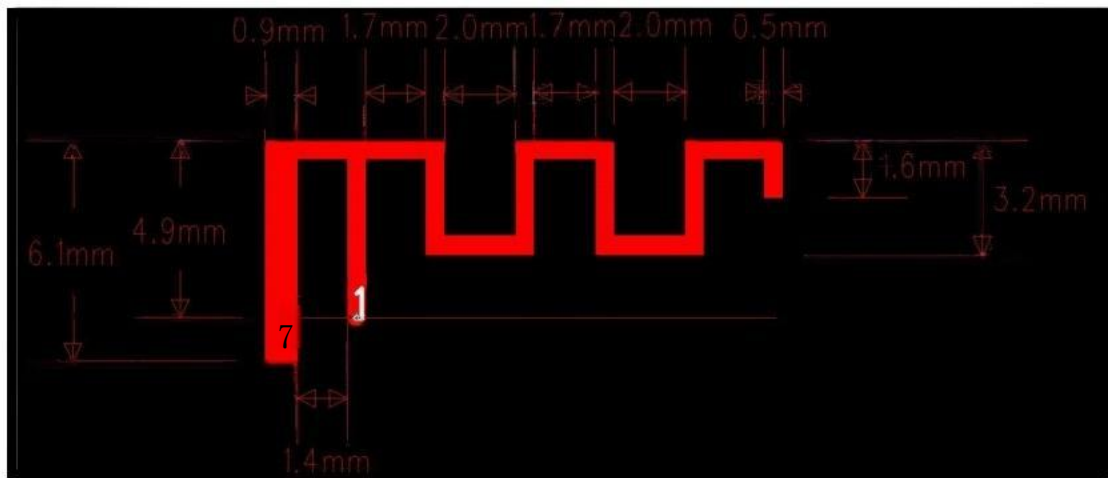
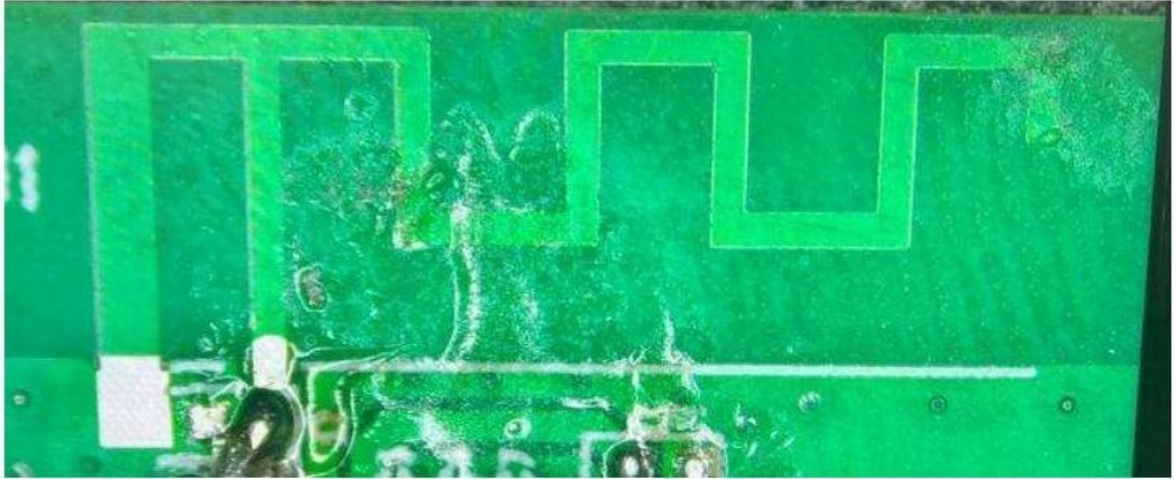
2.4G-2.48G频段板载PIFA天线测试报告

SPECIFICATIONS	
Frequency (MHz)	2400-2480
Peak Gain (dBi)	2.499
Average Gain (dBi)	>-4
VSWR	<3.2
Impedance (Ω)	502
Antenna Type	Plannar Inverted F Antenna on board
Polarization	Linear
Manufacture	ZHUHAI JIELI TECHNOLOGY CO., LTD
Address	333 Kexing Road, Xiangzhou District, Zhuhai City

测试环境： 中科国技暗室测试系统



天线实物及物理尺寸



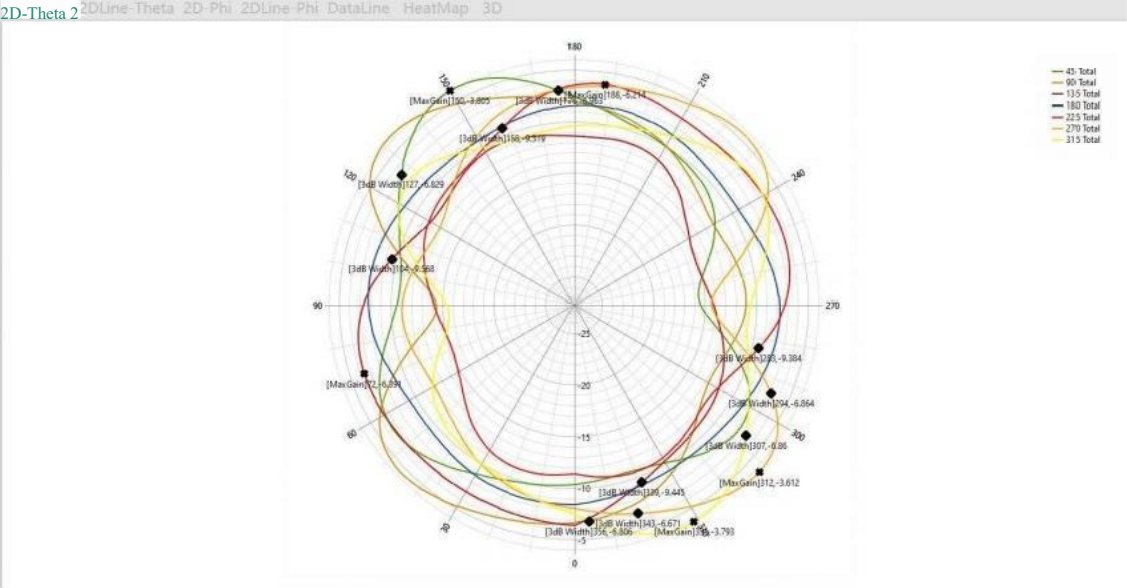
天线无源S 参数：
驻波比 (VSWR)、 回波损耗 (Return Loss) 及史密斯圆图



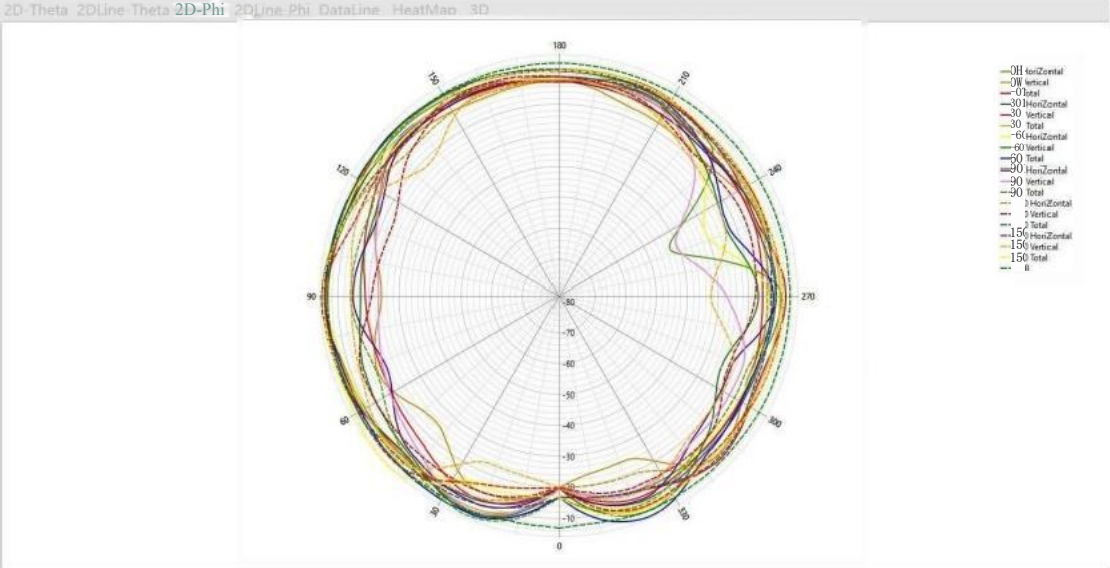
天线效率及增益

Frequency (MHz)	Gain (dBi)	Efficiency (%)	Average Gain (dBi)	Efficiency (dB)
2400	1.433	59.329%	-2.717	-2.267
2410	0.927	51.861%	-3.416	-2.852
2420	0.829	52.112%	-3.166	-2.831
2430	0.881	49.299%	-3.258	-3.072
2440	1.192	50.672%	-3.144	-2.952
2450	1.688	53.067%	-2.735	-2.752
2460	2.194	59.423%	-2.276	-2.260
2470	2.118	56.680%	-2.438	-2.466
2480	2.499	61.727%	-2.112	-2.095
Average	1.529	54.908%	-2.806	-2.616
Peak	2.499	61.727%	-2.112	-2.095

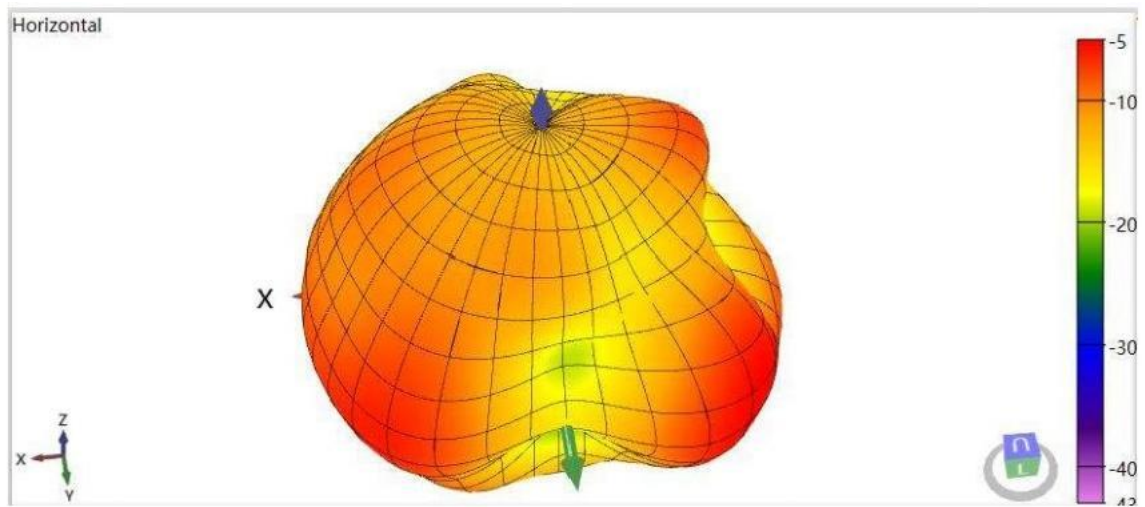
天线2440MHz 2D-Theta Pattern



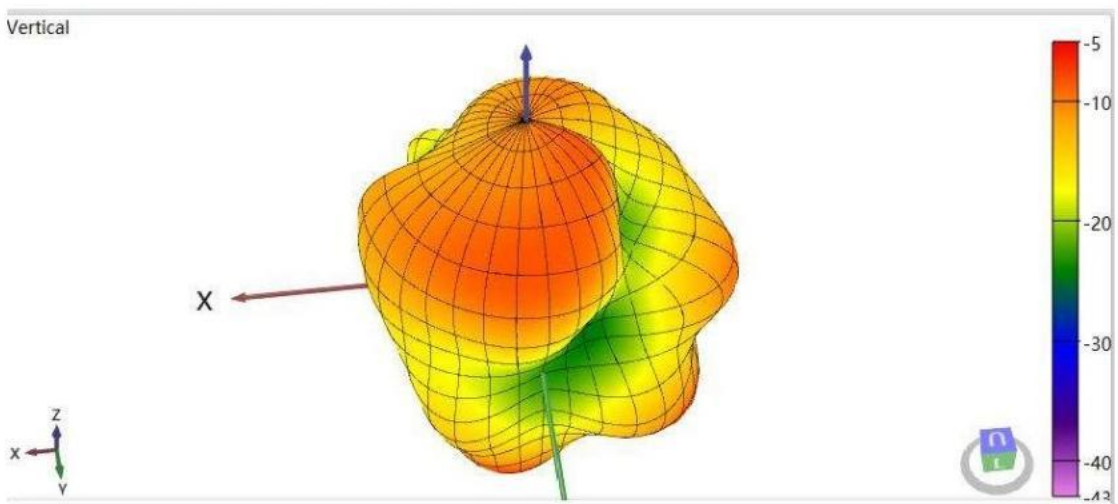
天线2440MHz 2D-Phi Pattern



天线2440MHz 3D-Horizontal Pattern



天线2440MHz 3D-Vertical Pattern



2440MHz 3D-Total Pattern

