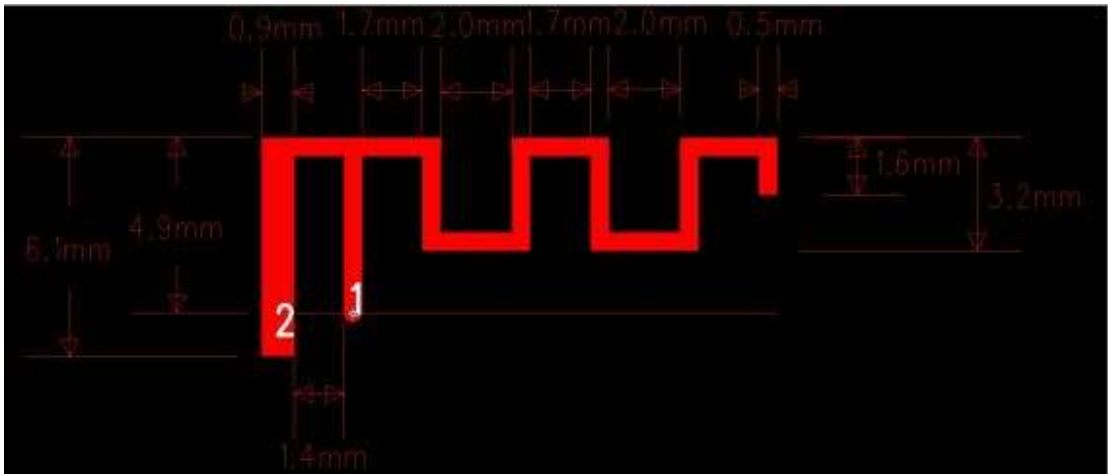


2.4G-2.48G 频段板载 PIFA 天线测试报告

2.4G-2.48G Inverted F Antenna Specification

SPECIFICATIONS	
Frequency (MHz)	2400-2480
Peak Gain (dBi)	2.15
Average Gain (dBi)	>-4
VSWR	<3.2
Impedance (Ω)	50 Ω
Antenna Type	Plannar Inverted F Antenna on board
Polarization	Linear
Manufacture	ZHUHAI JIELI TECHNOLOGY CO.,LTD
Address:	No.333 Kexing Road, Nanping Science Park, Xiangzhou District, Zhuhai
Test equipment	HWA-TECH

Antenna Photo & Length (mm)



天线无源 S 参数:

Antenna passive S-parameters:

驻波比 (VSWR)、回波损耗 (Return Loss) 及史密斯圆图 (Smith)

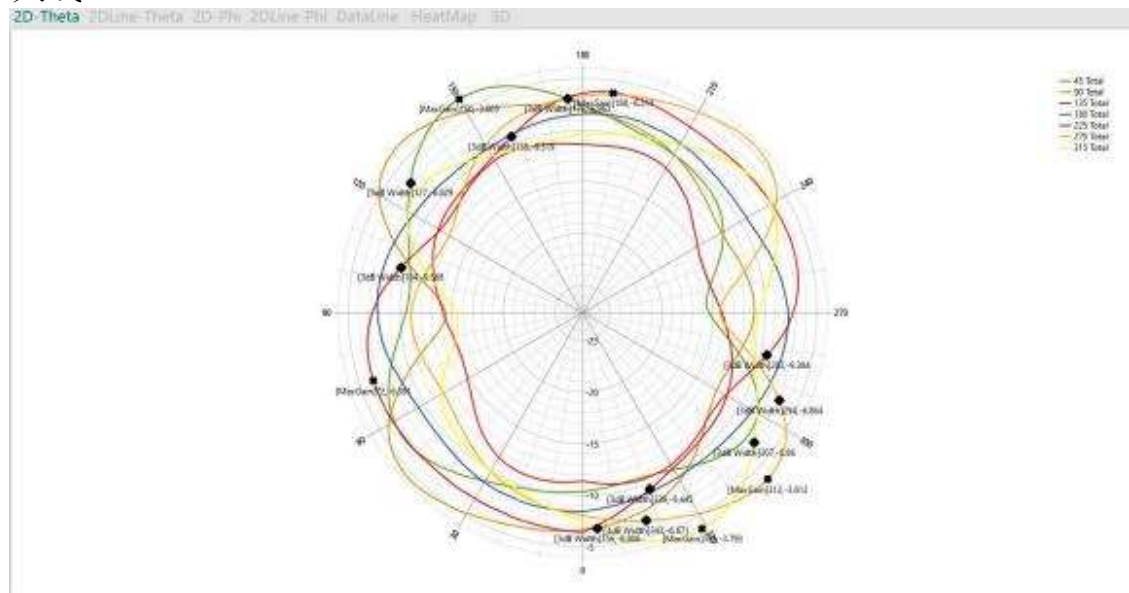


天线效率及增益:

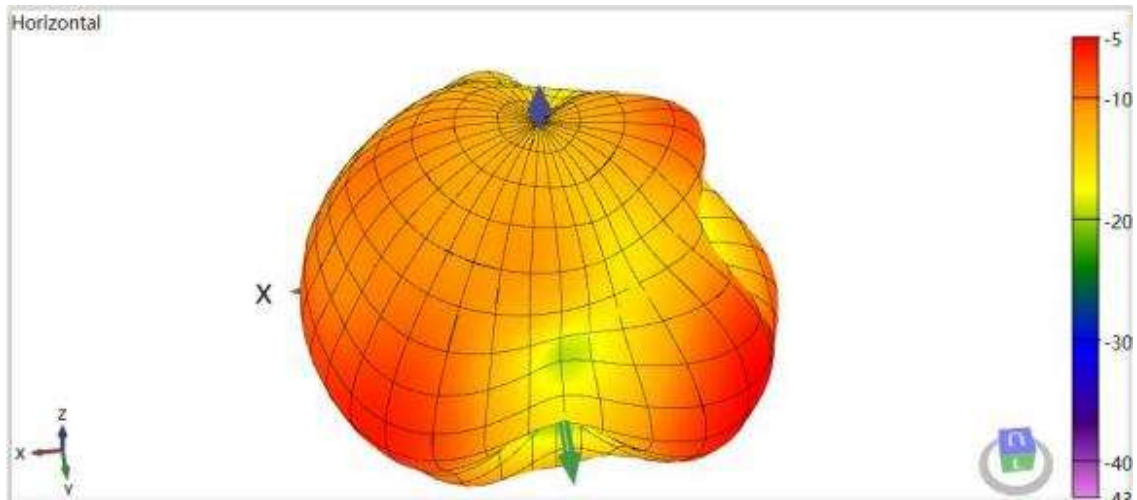
Antenna efficiency and gain:

Frequency (MHz)	Gain (dBi)	Effciency (%)
2400	1.433	59.329%
2410	0.927	51.861%
2420	0.829	52.112%
2430	0.881	49.299%
2440	1.192	50.672%
2450	1.688	53.067%
2460	1.904	59.423%
2470	2.018	56.680%
2480	2.15	61.727%
Average	1.529	54.908%
Peak	2.15	61.727%

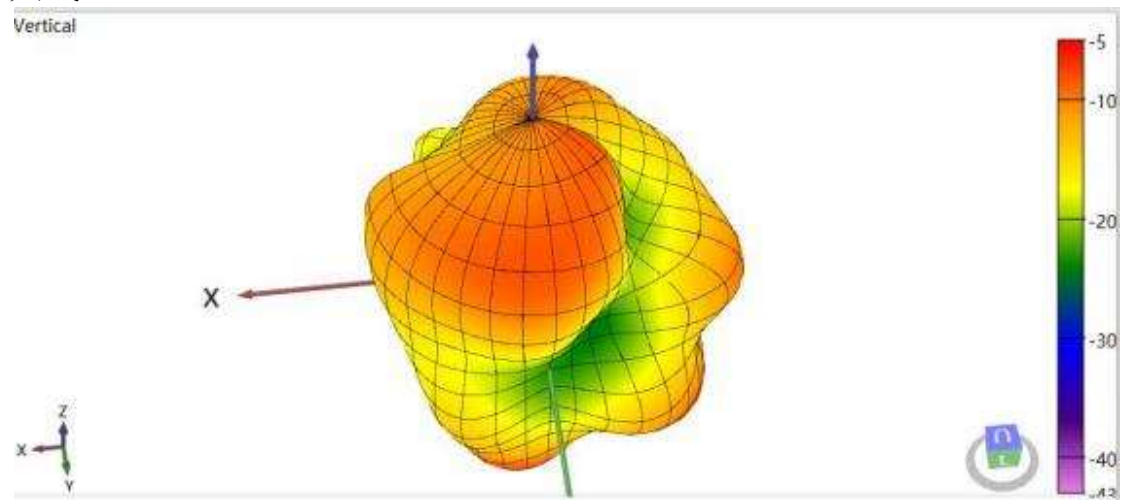
天线 2440MHz 2D-Theta Pattern



天线 2440MHz 3D-Horizontal Pattern



天线 2440MHz 3D-Vertical Pattern



2440MHz 3D-Total Pattern

