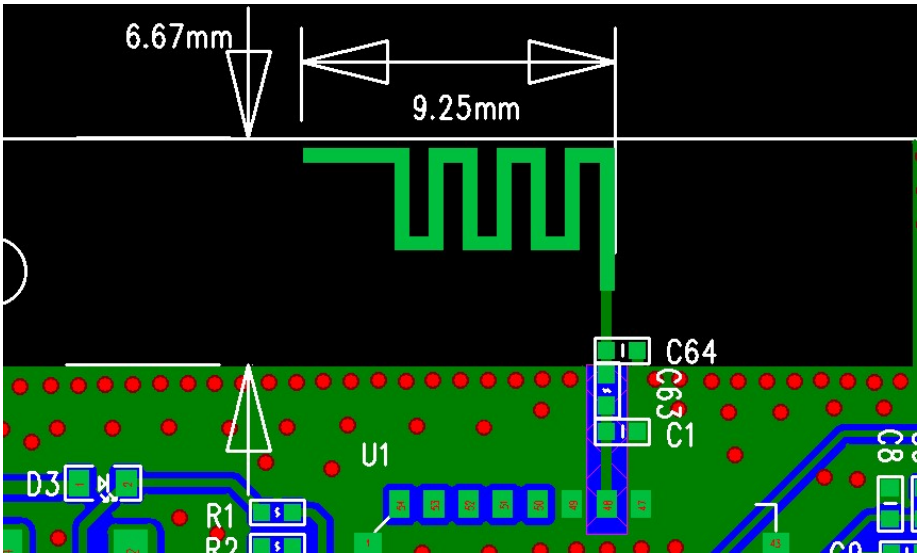


2.4G-2.48G 频段板载 PIFA 天线测试报告

2.4G-2.48G Inverted F Antenna Specification

SPECIFICATIONS	
Frequency (MHz)	2400-2480
Peak Gain (dBi)	0.12
Average Gain (dBi)	>-3
VSWR	<1.6
Impedance (Ω)	50Ω
Antenna Type	Plannar Inverted F Antenna on board
Polarization	Linear
Manufacture	ShenzhenTaiYilinanScienc e&TechnologyCo.,Ltd
Address:	No.333 Kexing Road, Nanping Science Park, Xiangzhou District, Zhuhai
Test equipment	HWA-TECH

Antenna Photo & Length (mm)



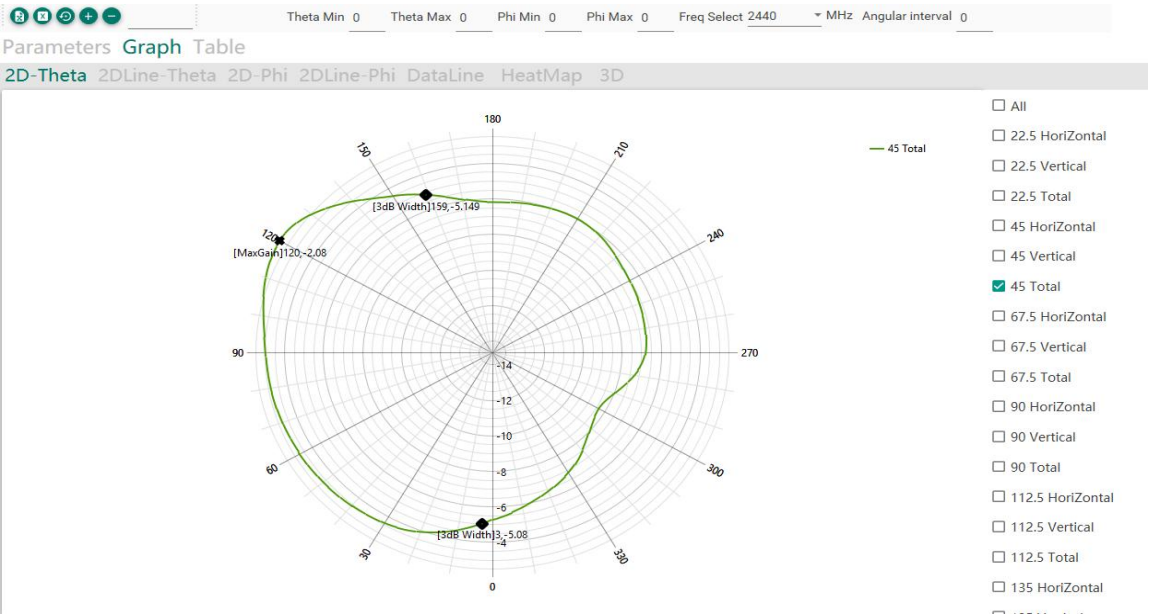
天线无源 S 参数:
Antenna passive S-parameters:
驻波比 (VSWR)、回波损耗 (Return Loss) 及史密斯圆图 (Smith)



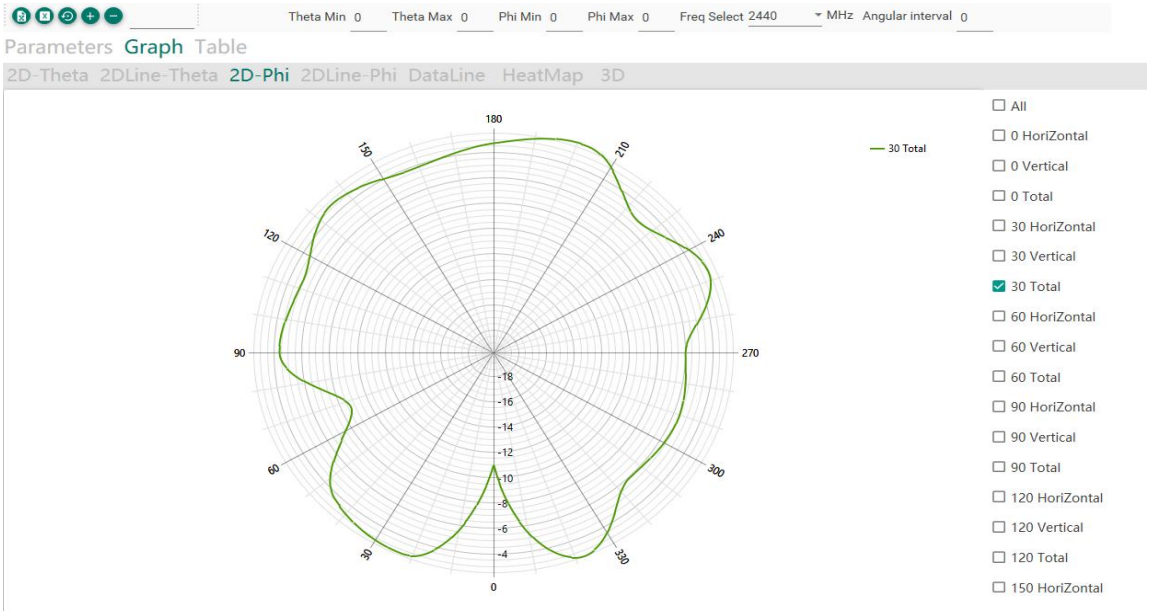
天线效率及增益:
Antenna efficiency and gain:

Frequency (MHz)	Gain (dBi)	Effciency (%)	AverageGain (dBi)	Efficiency (dB)
2400	-2.92	72.20%	-1.14	-1.41
2410	-1.95	61.36%	-2.05	-2.12
2420	-2.00	61.00%	-1.98	-2.15
2430	-0.80	47.29%	-3.09	-3.25
2440	0.12	40.82%	-3.87	-3.89
2450	-0.97	48.41%	-3.08	-3.15
2460	-1.28	53.80%	-2.81	-2.69
2470	-1.29	51.75%	-2.98	-2.86
2480	-1.79	58.79%	-2.45	-2.31
Average	-1.46	55.05%	-2.61	-2.65
Peak	0.12	72.20%	-1.14	-1.41

天线 2440MHz 2D-Theta Pattern



天线 2440MHz 2D-Phi Pattern



天线 2440MHz 3D-Total Pattern

