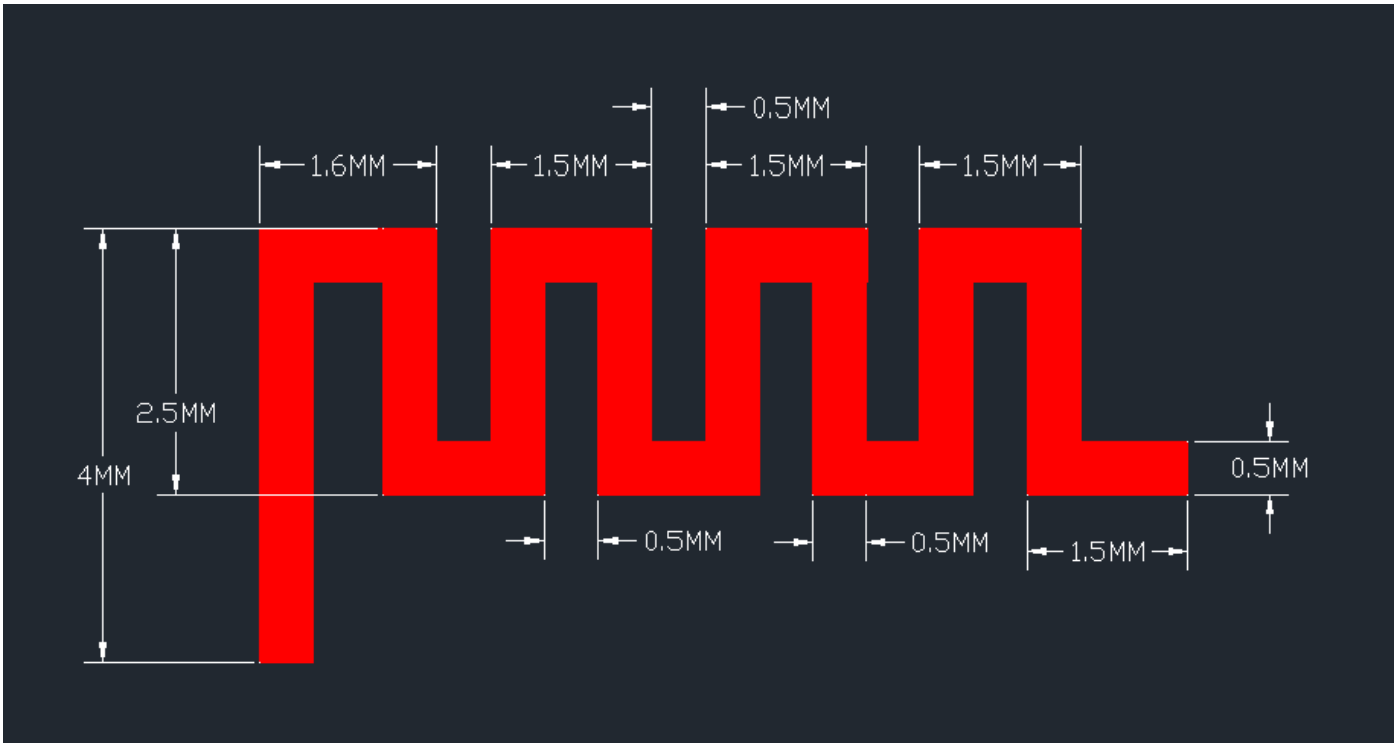


2. 4G-2.48G 频段板载PIFA 天线测试报告

2. 4G-2.48G Inverted FAntenna Specification

SPECIFICATIONS	
Frequency (MHz)	2400-2480
Peak Gain(dBi)	2.50
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

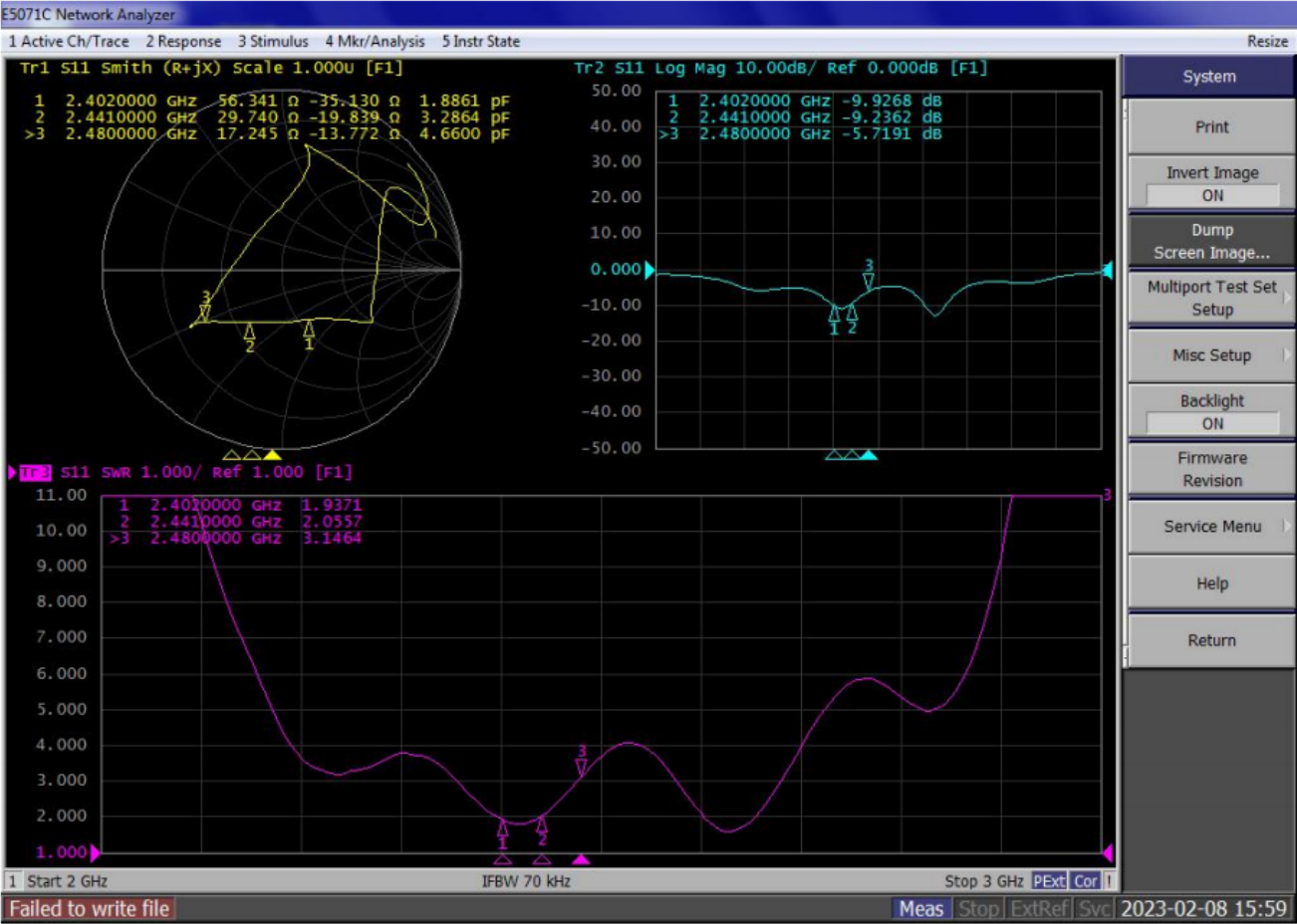
Antenna Photo & Length(mm)



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)

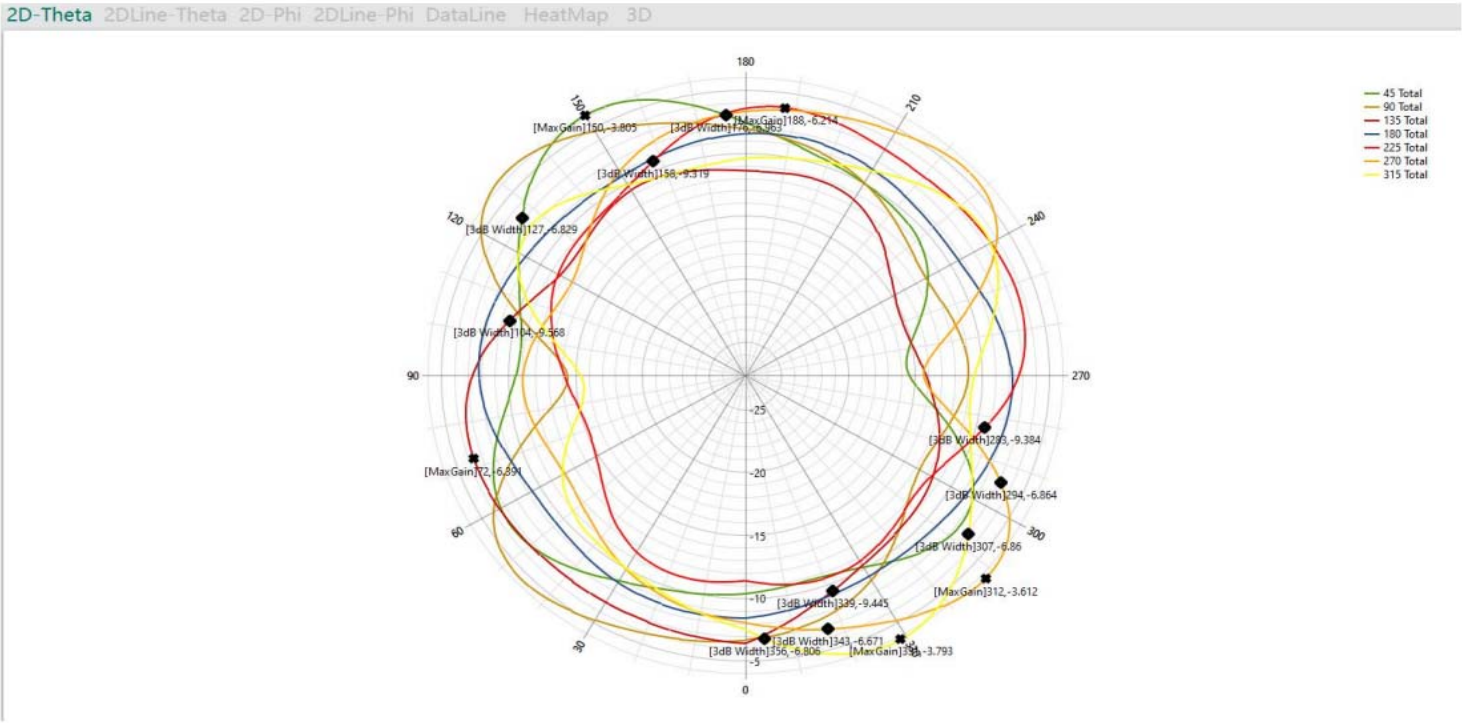


天线效率及增益:

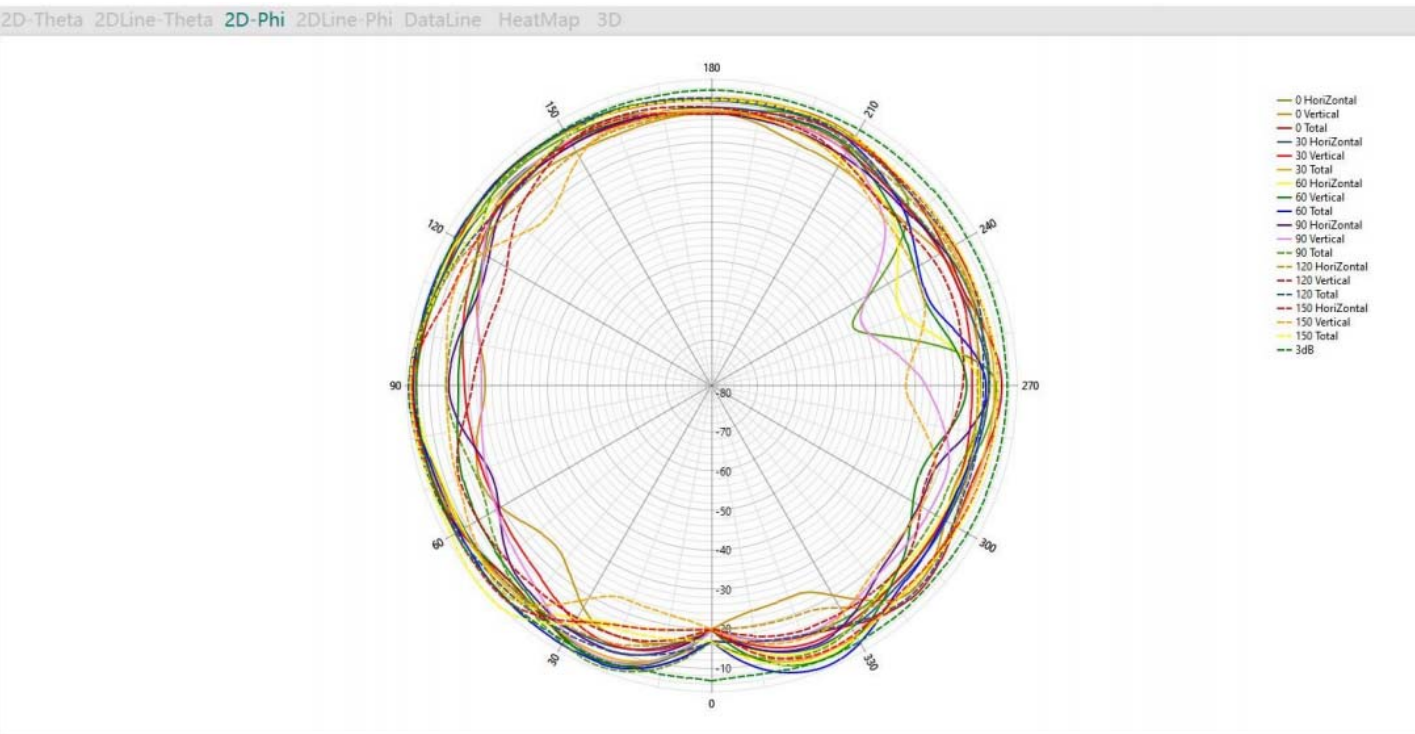
Antenna efficiency and gain:

Frequency (MHz)	Gain (dBi)	Effciency (%)	AverageGain(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	2.500	61.727%	-2.112	-2.095
Average	1.529	54.908%	-2.806	-2.616
Peak	2.500	61.727%	-2.112	-2.095

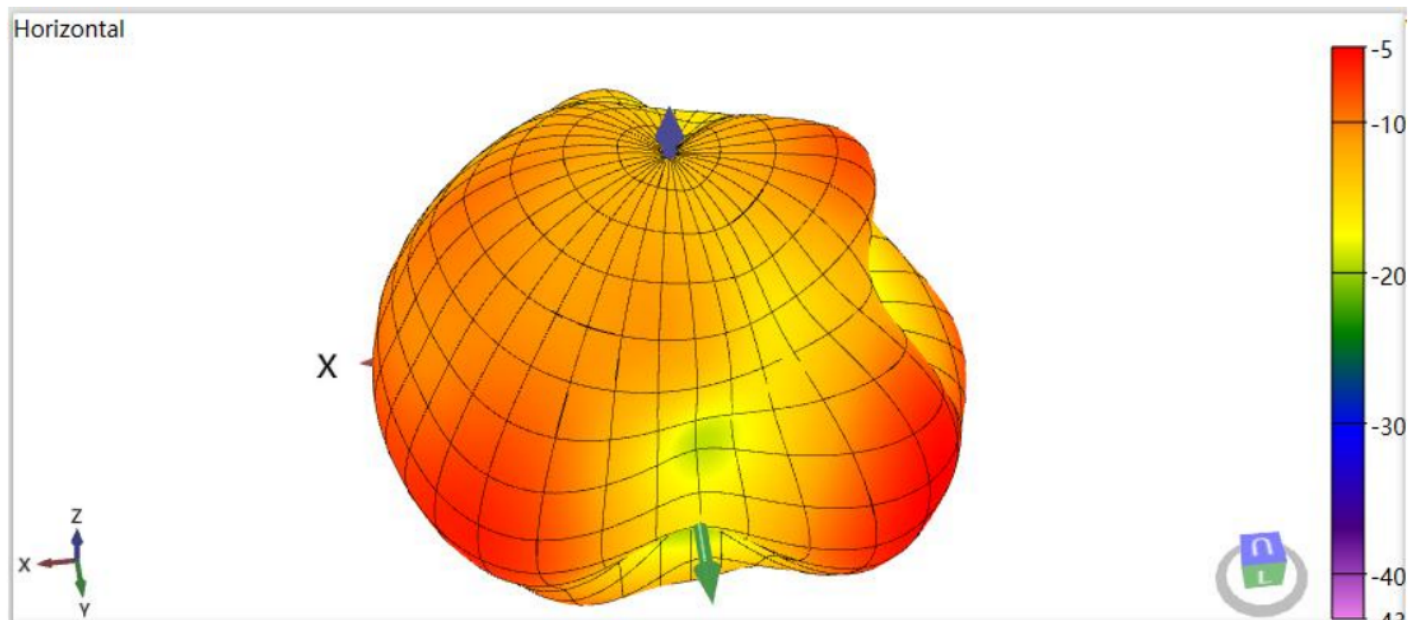
天线2440MHz 2D- Theta Pattern



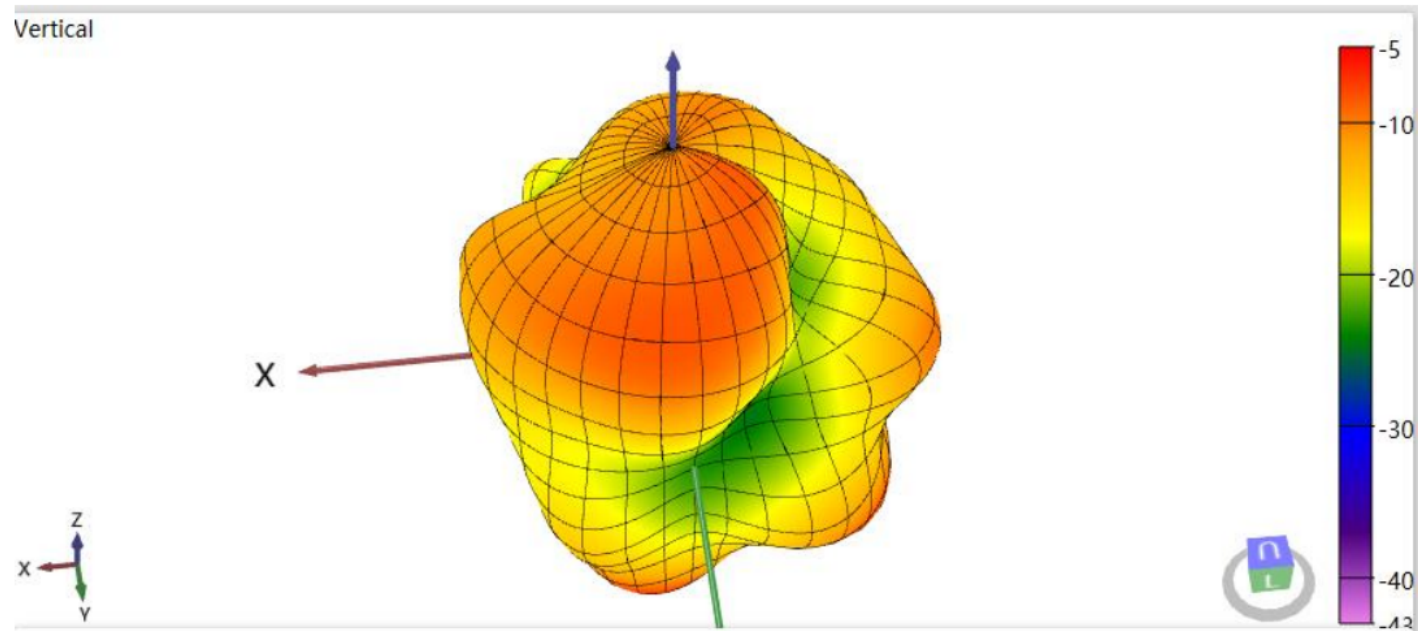
天线2440MHz2D- Phi Pattern



天线 2440MHz 3D-Horizontal Pattern



天线 2440MHz 3D-Vertical Pattern



2440MHz 3D-Total Pattern

