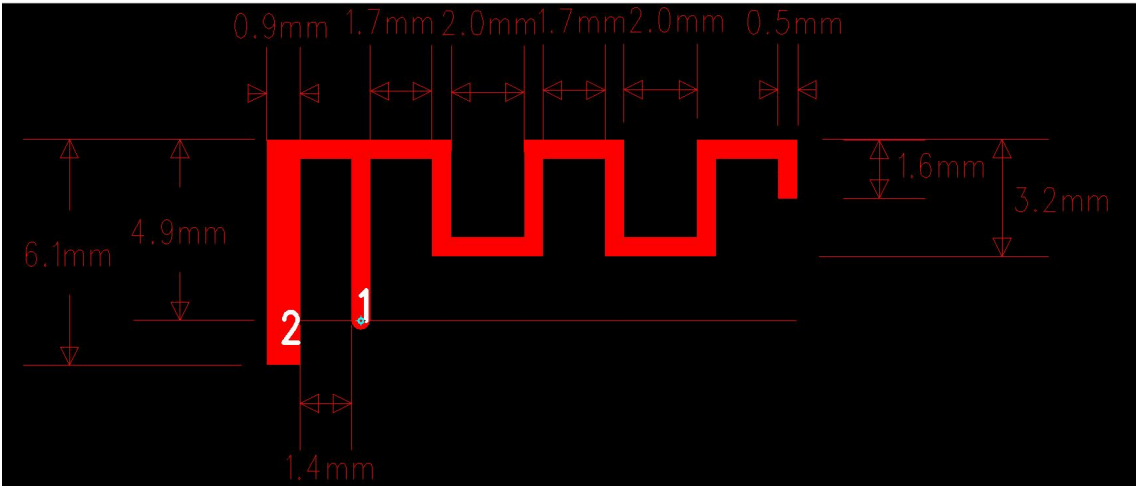


2.4G-2.48G 频段板载 PIFA 天线测试报告

2.4G-2.48G Inverted F Antenna Specification

SPECIFICATIONS	
Frequency (MHz)	2400-2480
Peak Gain (dBi)	-2.499
Average Gain (dBi)	>-4
VSWR	<3.2
Impedance (Ω)	50Ω
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

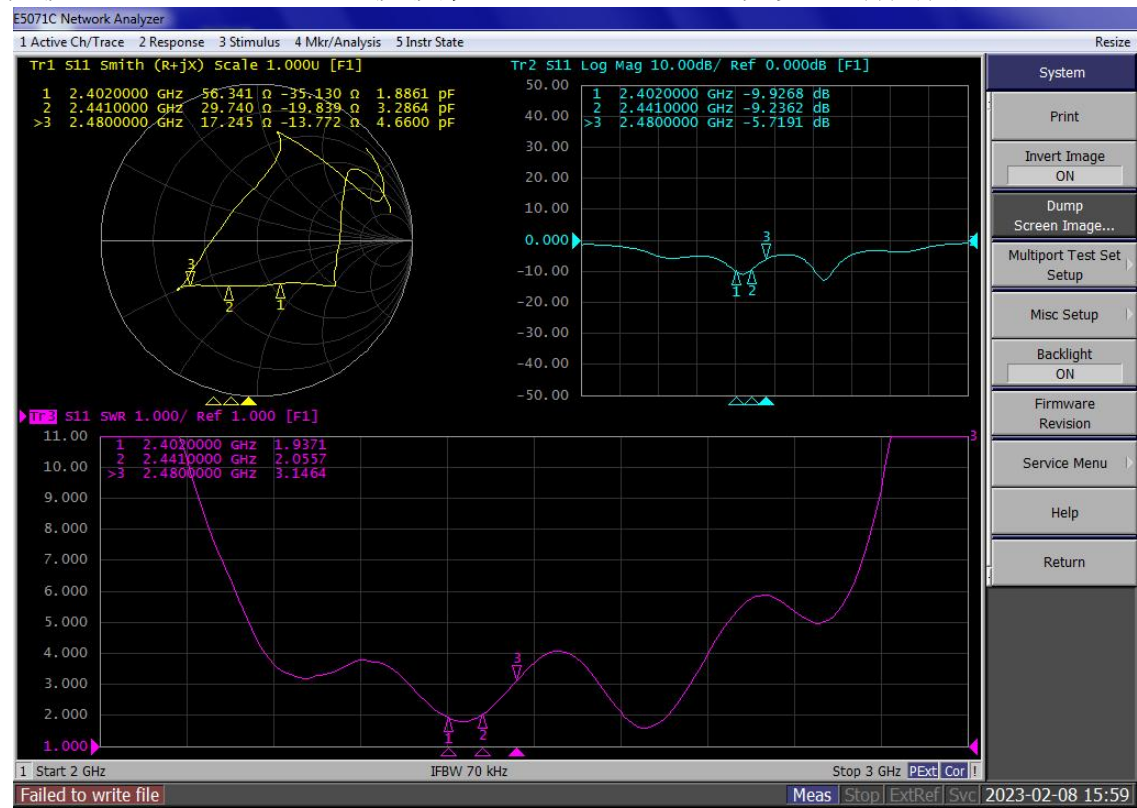
Antenna Photo & Length (mm)



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)

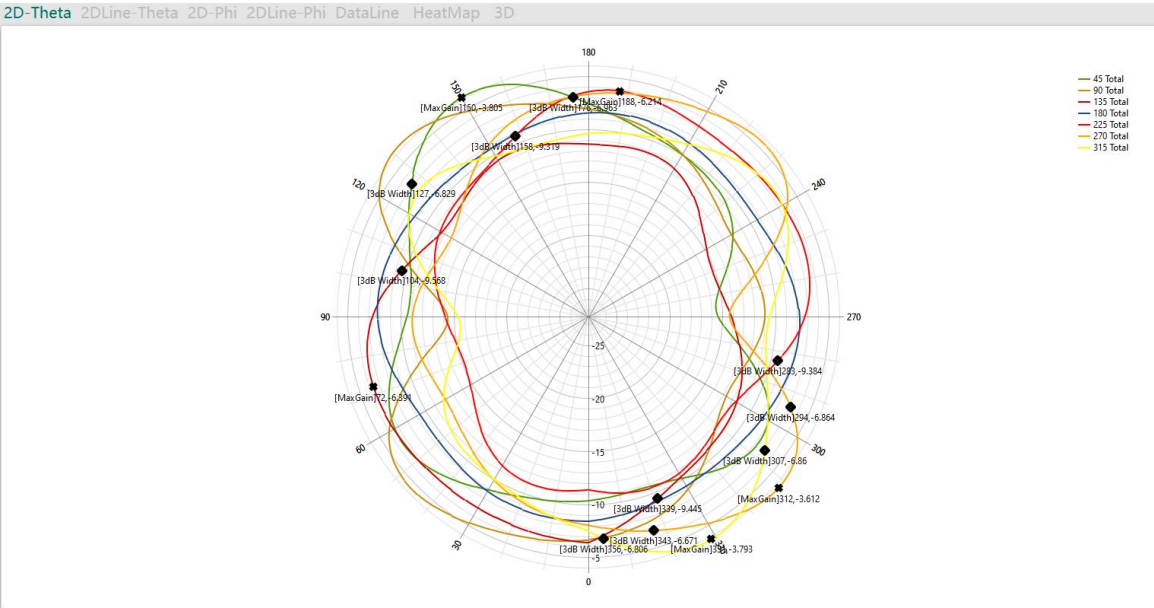


天线效率及增益:

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	-3.612	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

