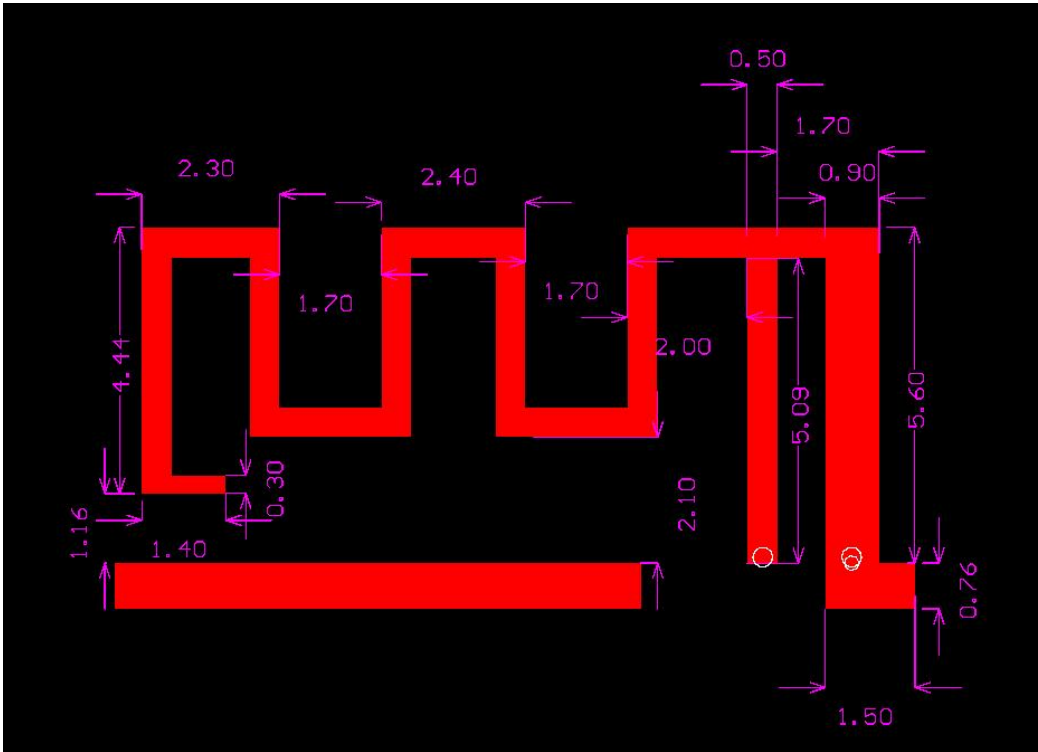


2.4G-2.48G 频段板载 ANT-F-1-2.4G 天线测试报告

2.4G-2.48G ANT-F-1-2.4G Antenna Specification

SPECIFICATIONS	
Frequency (MHz)	2400-2480
Peak Gain (dBi)	2.34
Average Gain(dBi)	>-5.5
VSWR	<3.2
Impedance (Ω)	50Ω
Antenna Type	PCB Antenna
Polarization	Linear
Manufacture	Shenzhen Huihua Electronics Co., Ltd
Address:	1701-6, Building 4A, Huaqiang Creative Industry Park, Intersection of Sightseeing Road and Ketai Road, Blue Eye Community, Guangming Street, Guangming District, Shenzhen City, Guangdong Province
Test equipment	Shenzhen Hongxin Technology Electronics Co., Ltd



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)

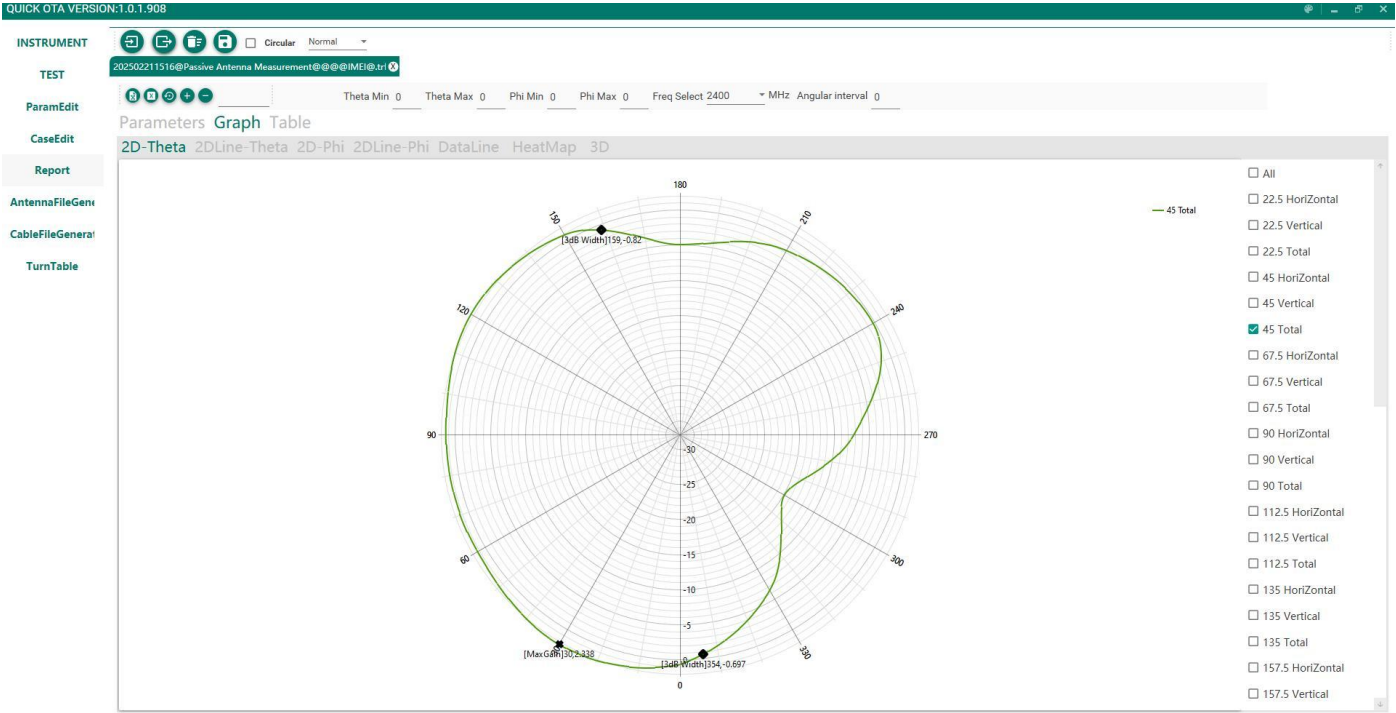


天线效率及增益:

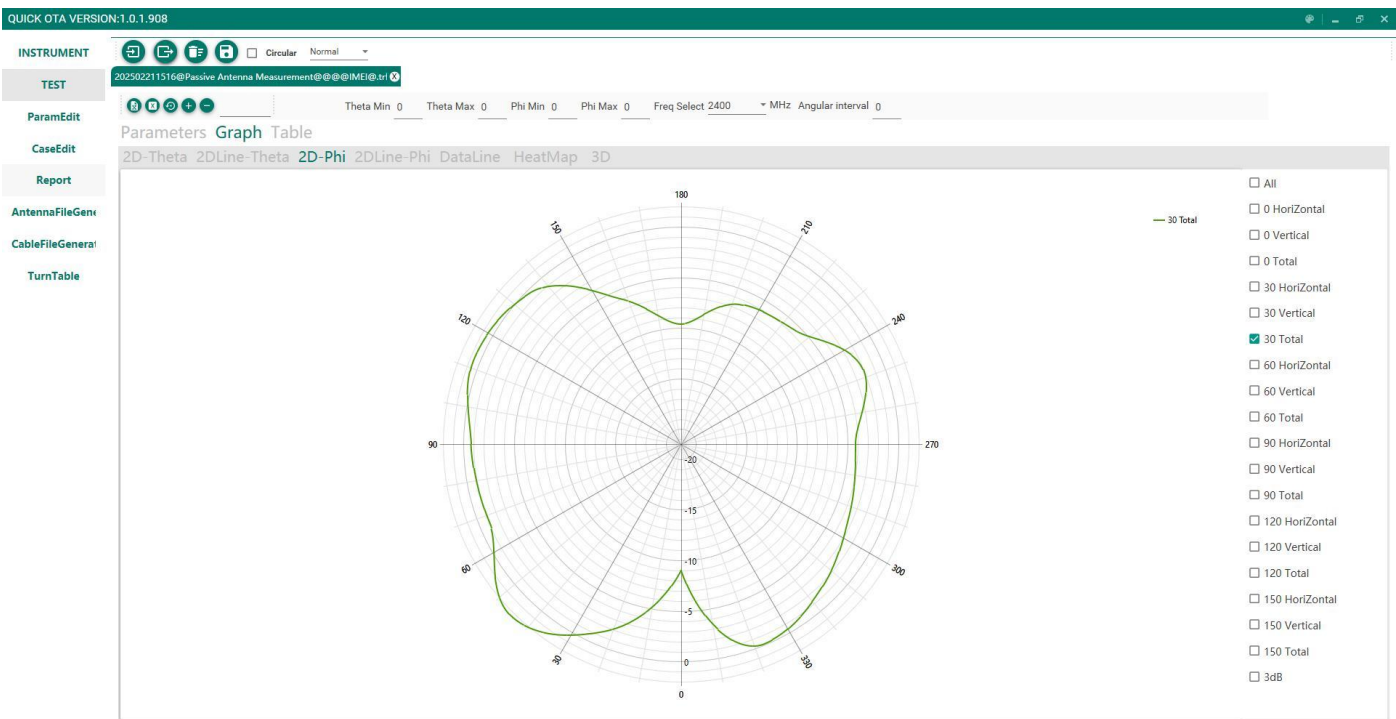
Antenna efficiency and gain:

Frequency (MHz)	Gain (dBi)	Effciency (%)	AverageGain (dBi)	Efficiency (dB)
2400	2.34	59.39%	-2.915	-2.263
2410	1.60	49.11%	-3.883	-3.088
2420	1.30	46.04%	-4.014	-3.369
2430	0.39	36.89%	-4.91	-4.331
2440	0.19	34.00%	-5.276	-4.685
2450	0.02	31.71%	-5.431	-4.988
2460	0.51	34.88%	-5.02	-4.575
2470	0.29	31.89%	-5.323	-4.963
2480	0.43	32.89%	-5.195	-4.83
Average	0.78	39.64%	-4.66	-4.12
Peak	2.34	59.39%	-2.915	-2.263

天线 2400MHz 2D-Theta Pattern



天线 2400MHz 2D-Phi Pattern



2400MHz 3D-Total Pattern

