

产品承认书

SPECIFICATION FOR APPROVED

制造商

Manufacturer: Ningbo Mohang Intelligent Technology Co., Ltd

产品名称

PRODUCTS: 2. 4G ANT

客户料号

PART NO: FM3216F01P2G45

产品型号

Spec. : V8S

地址

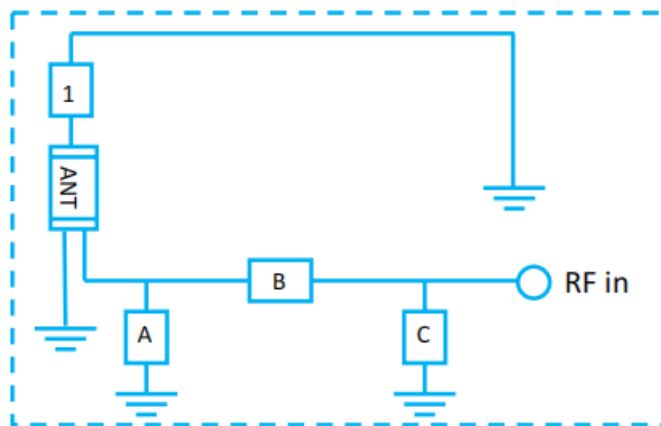
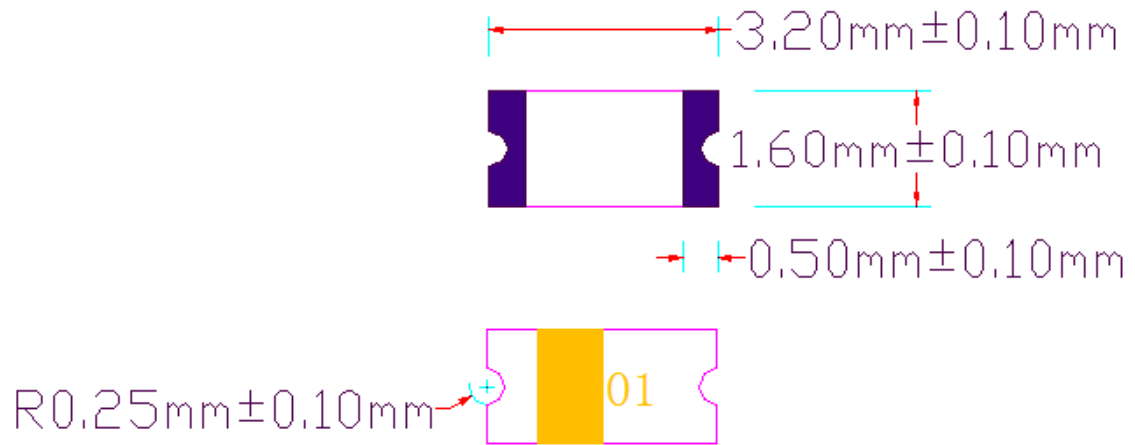
Room1-2346,1st Floor,Building 41,Block B,No.188 Jinghua Road, Ningbo

Add:

High-tech, Zhejiang China

1. 项目信息 Project Information

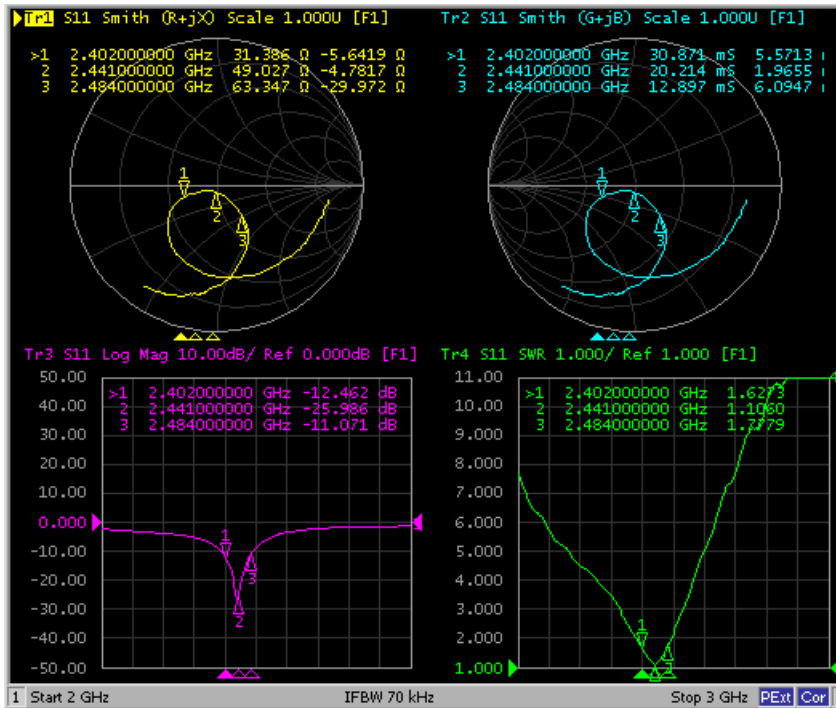
1.1. 外观尺寸 Appearance and Dimensions



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1.6. Return Loss & VSWR

VSWR(S11)

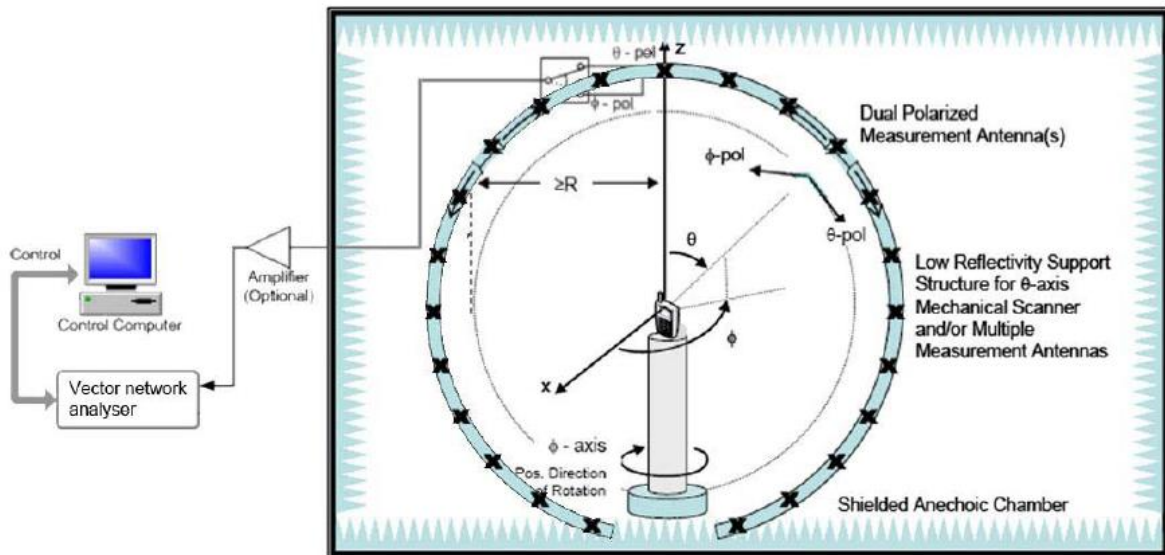


Item	Value		
	2402 (MHz)	2441(MHz)	2480(MHz)
Smith(Ω)	31.38	49.02	63.34
Return loss(dB)	-12.46	-25.98	-11.07
VSWR	1.62	1.10	1.77

2. Radiation Pattern(40*40mm² ground plane)

2.1. Efficiency and Gain

2.1.1. Test system

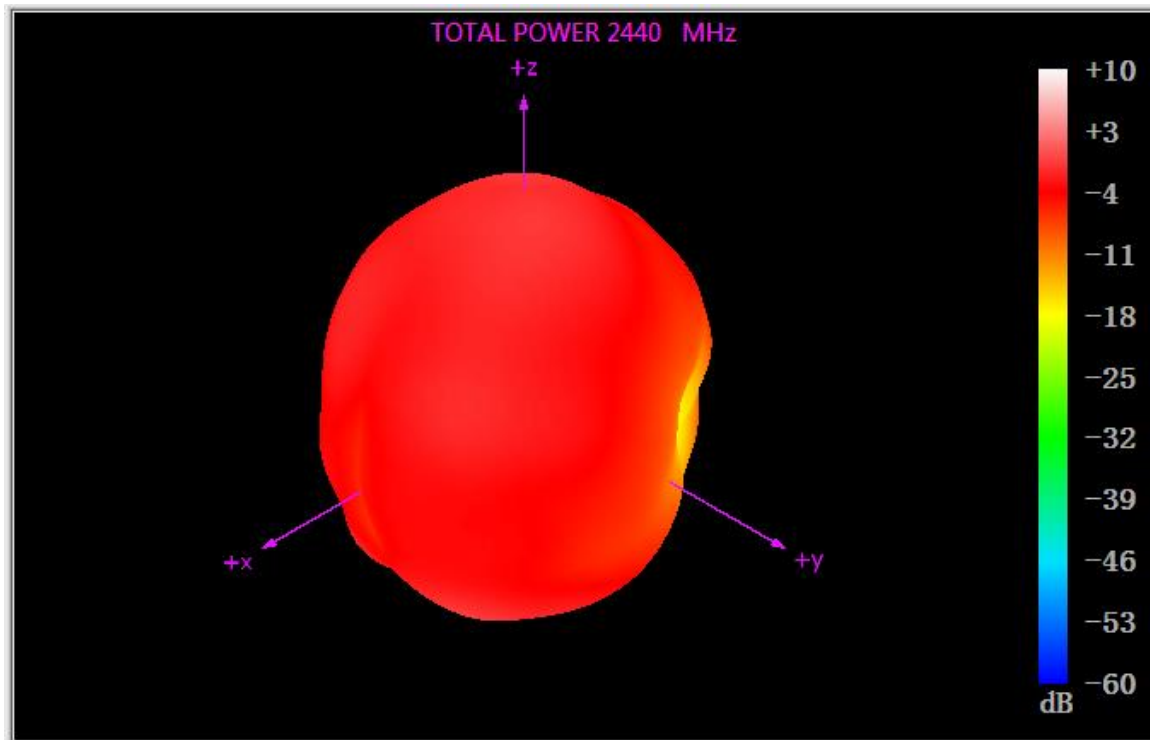


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2.1.2. Efficiency and Gain

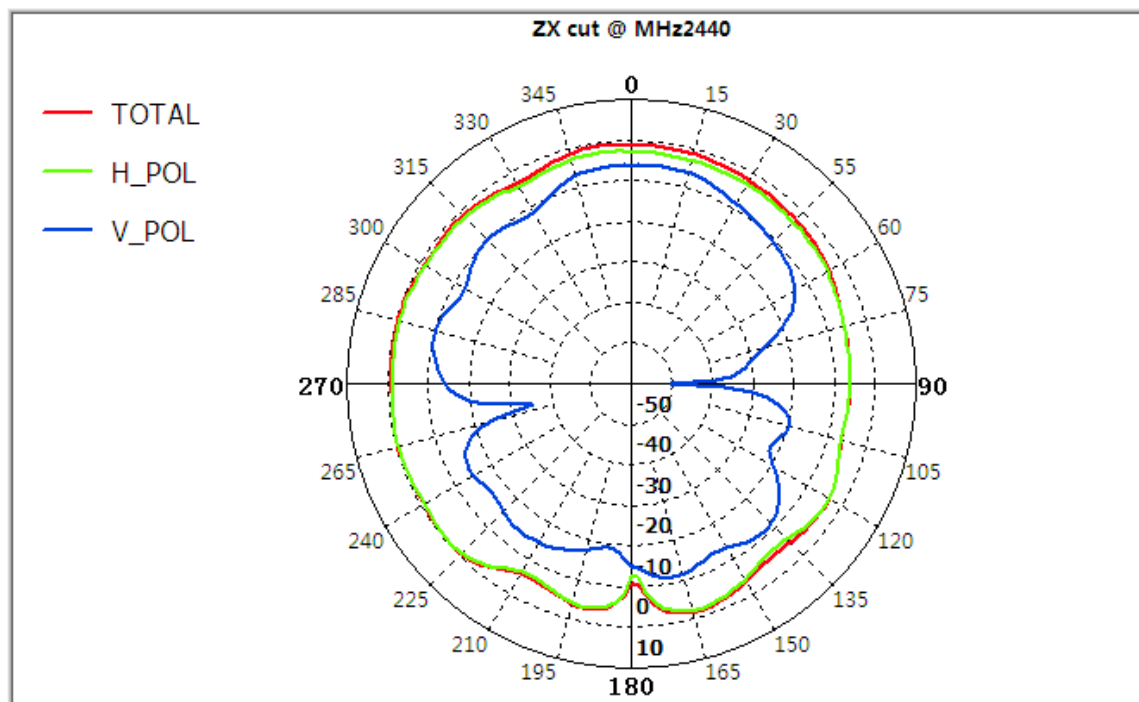
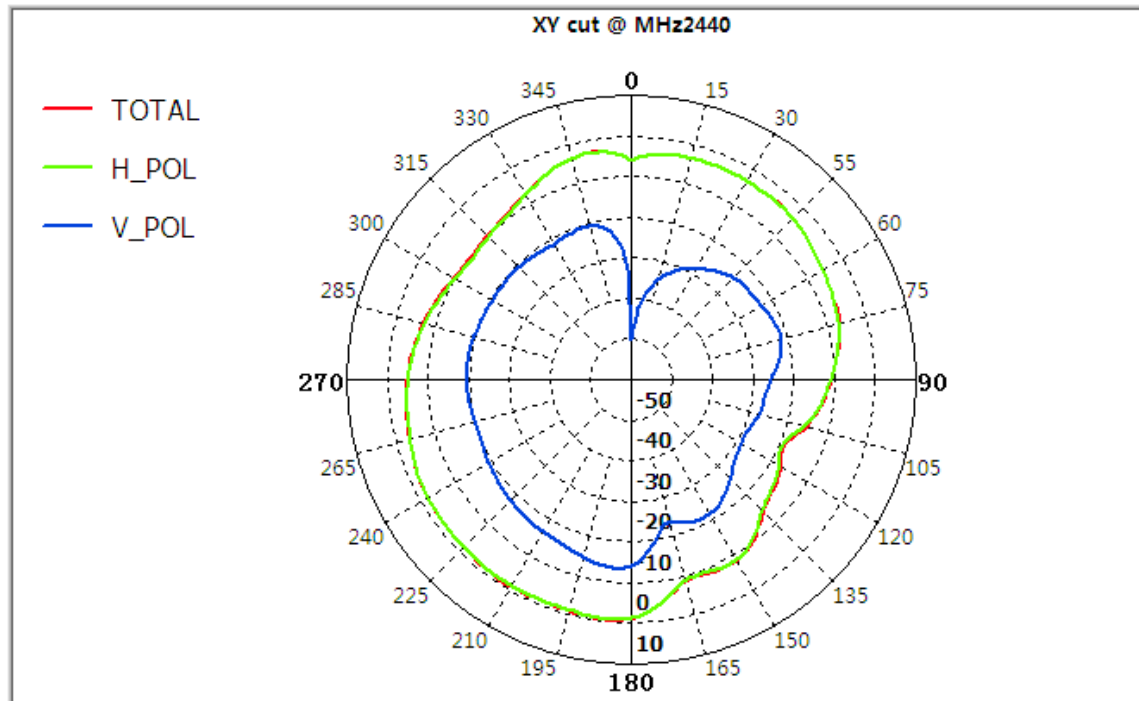
Frequency	Efficiency (%)	Mean (dBi)	Peak Gain (dBi)
2400 (MHz)	28.44	-5.46	-0.68
2410 (MHz)	35.2	-4.53	0.08
2420 (MHz)	32.06	-4.94	-0.52
2430 (MHz)	32.99	-4.82	-0.56
2440 (MHz)	36.48	-4.38	-0.22
2450 (MHz)	34.49	-4.62	-0.68
2460 (MHz)	32.49	-4.88	-1.22
2470 (MHz)	32.04	-4.94	-1.03
2470 (MHz)	30.34	-5.18	-1.29
Average value	36.48	-4.38	0.08

2.1.3. 3D



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2.1.4. Antenna polarization direction



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