

# Antenna Specification

## 天线规格书

- Product Type: Ceramic Antenna

产品类型：陶瓷天线

- Frequency: 2400~2500MHz

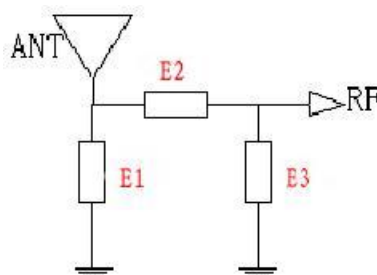
频率：2400~2500MHz

- Electrical Specification (电气特性)

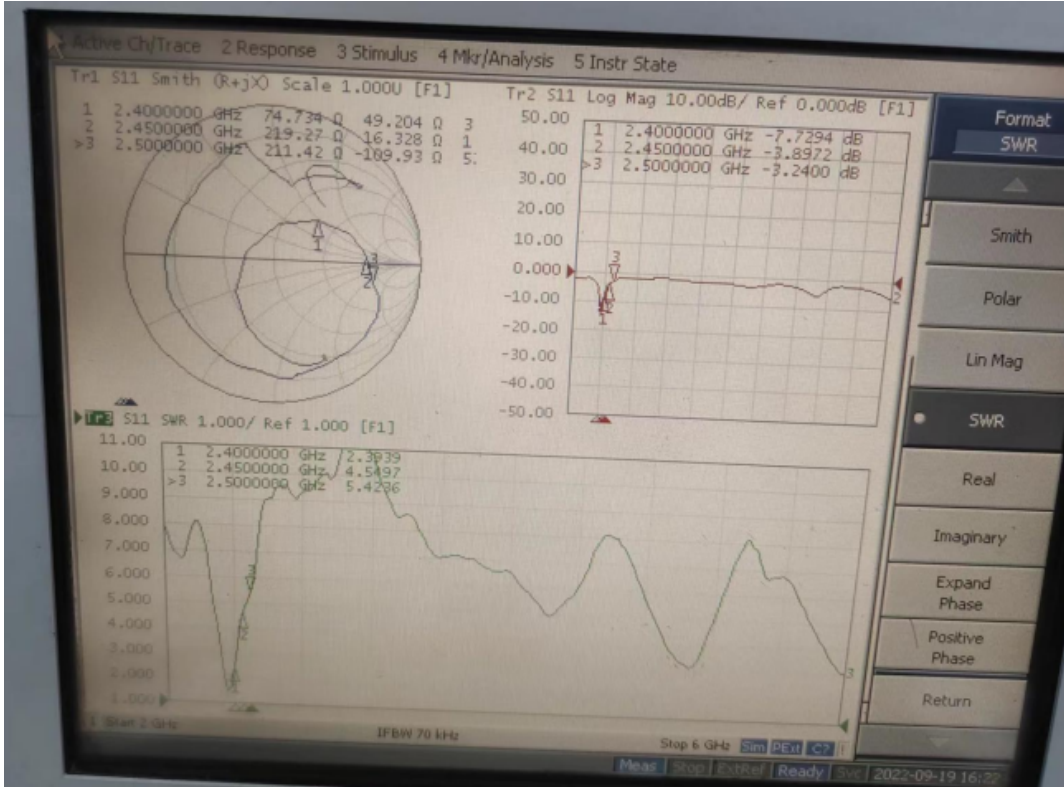
Center Freq (中心频率)	2450MHz
Band Width (带宽)	100MHz
VSWR (电压驻波比)	$\leq 2.0$
Peak Gain (峰值增益)	5.35dB
Impedance (阻抗)	50 $\Omega$
Polarization (极化)	Linear (线形的)
Azimuth Beam Width (方位光束宽度)	all-round (全方位)

- F02-ANTENNA-MATCH (F02 天线匹配)

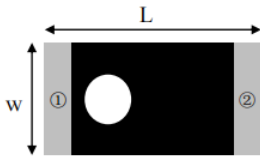
E1	E2	E3
N/A	0.5pF	N/A



➤ F02-Antenna S11 parameters (F02 天线 S11 参数)



Dimensions (Unit: mm)



(Top View)



(Bottom View)

Number	Terminal Name
①	INPUT
②	NC



(Side View)

Symbols	L	W	T	A
Dimensions	3.2±0.2	1.6±0.2	0.5±0.1	0.4±0.1

Freq (MHz)	Effi (%)	Gain (dBi)
2400	11.78	4.93
2410	12.04	4.31
2420	12.22	4.25
2430	12.29	3.56
2440	12.92	4.26
2450	13.08	4.96
2460	13.51	4.63
2470	13.82	4.25
2480	13.79	4.16
2490	14.55	3.98
2500	13.77	5.35

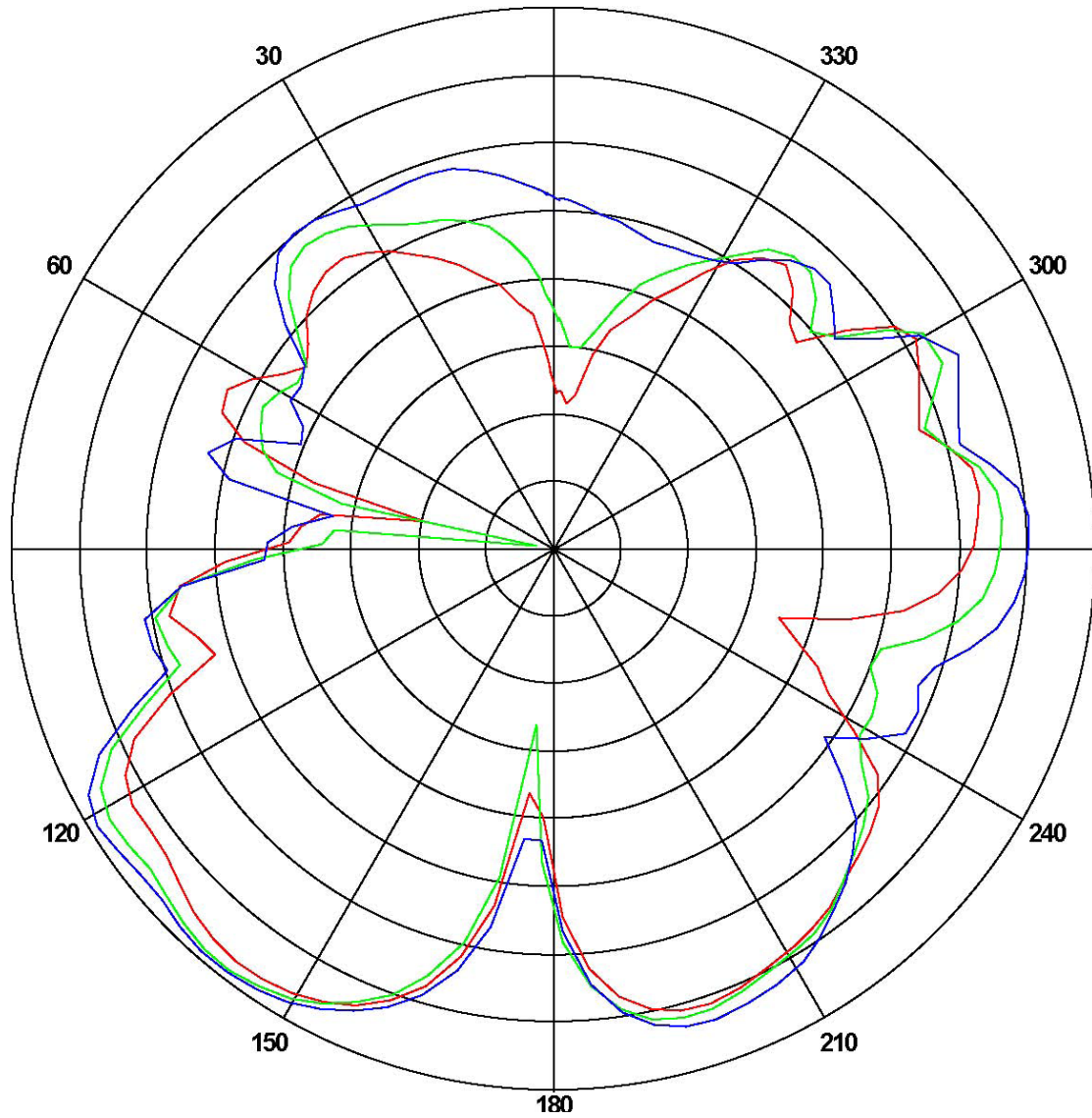
Manufacturer's Name

Manufacture's Name:Zhongshan Meta Intelligence Technology Co., Ltd.  
Address:No. 18, Yonghui Road, Nantou Town, Zhongshan, Guangdong, China

Horizontal: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

Max: 6 Min: -34 Scale: 5/div

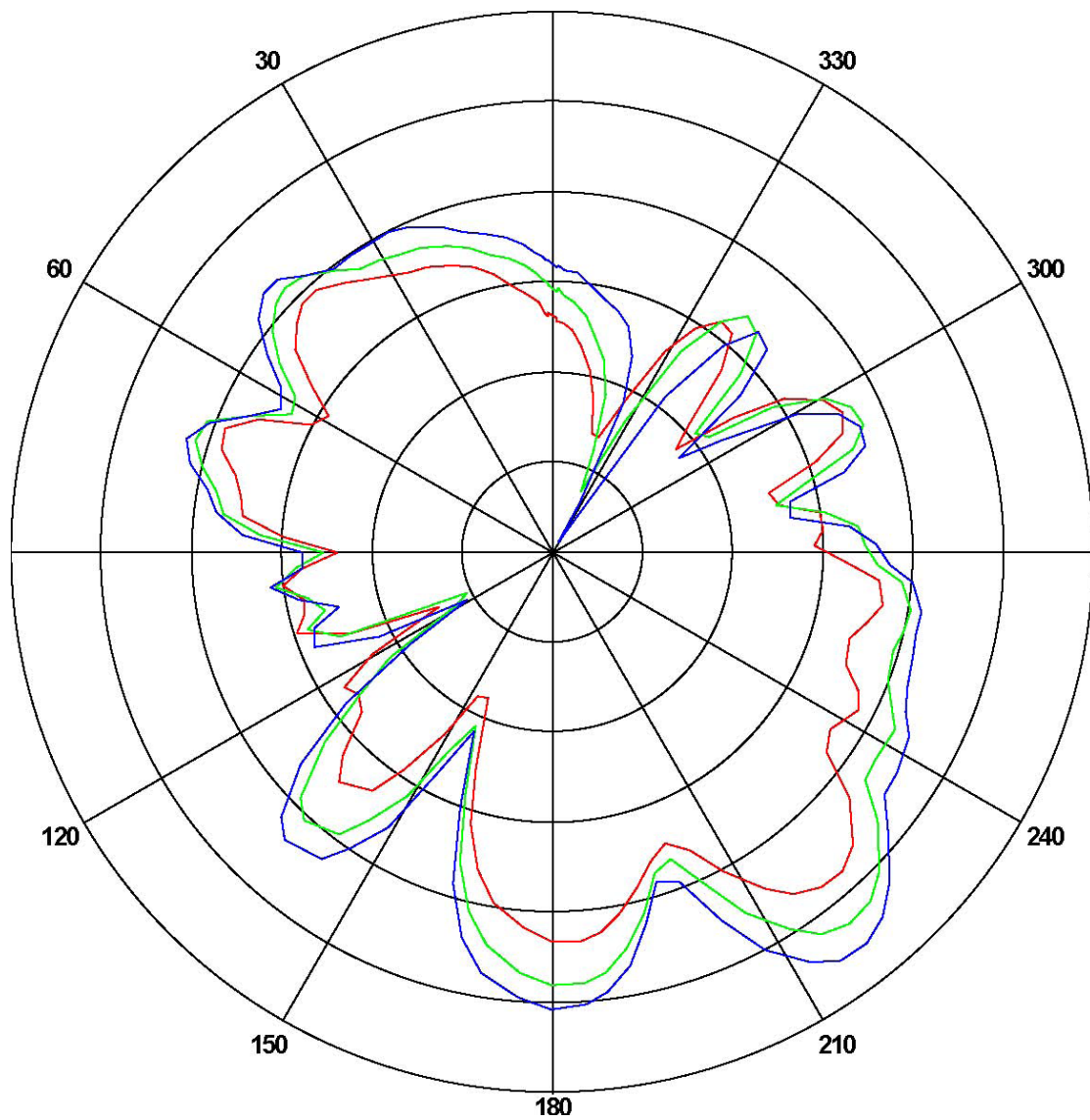


Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
2400	4.93178	-24.0815	-2.48713
2450	4.95801	-32.5605	-1.88012
2500	5.35056	-18.0318	-0.79139

Vertical: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

Max: 0 Min: -30 Scale: 5/div



Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
2400	-6.1530	-24.1420	-13.0295
2450	-3.7054	-26.5836	-10.6700
2500	-2.32122	-30.4301	-9.70536