

Shenzhen Yang into communication antenna co., LTD

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## Monopole Antenna

### 1 Electrical factor

1. Frequency range	2400-2500 MHz
2. Impedance	50 $\Omega$
3. VSWR	$\leq 2.0$
4. Gain	3dBi
5. Polarization	vertical
6. Radiation	omnidirectional
7. Maximun power Input-watts	50W

### 2 Mechanical performance

1. Leigh	37*12*5.86mm
2. electrophoresis	Black coating
3. Connector	SMA Turn the male female needle
4. Radome material	TPE.
5. Radome color	Black
6. Working temperature	-40°C ~ 85°C
7. Storage temperature	-40°C ~ 90°C

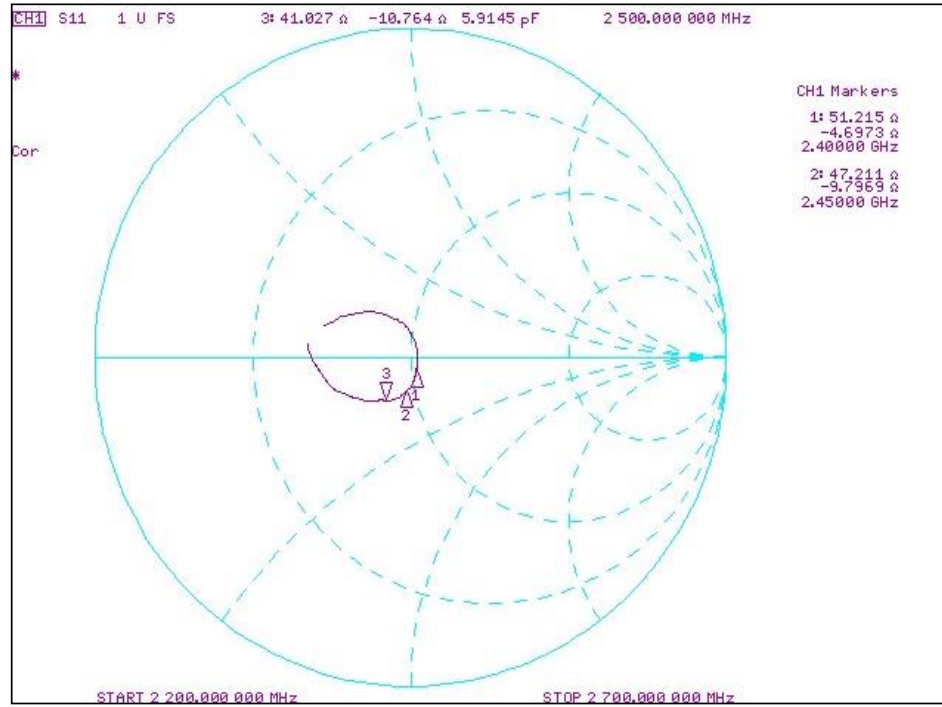
Frequency point	Efficiency	Gain
2400	32.06	1.32
2410	45.41	1.48
2420	36.09	1.23
2430	33.54	0.85
2440	55.14	1.33
2450	32.15	1.25
2460	34.20	1.40
2470	35.03	3
2480	34.18	1.63
2490	32.12	2.04
2500	34.06	2.13
Aten Mean	3455.08%	1.58

### 3 Drawings

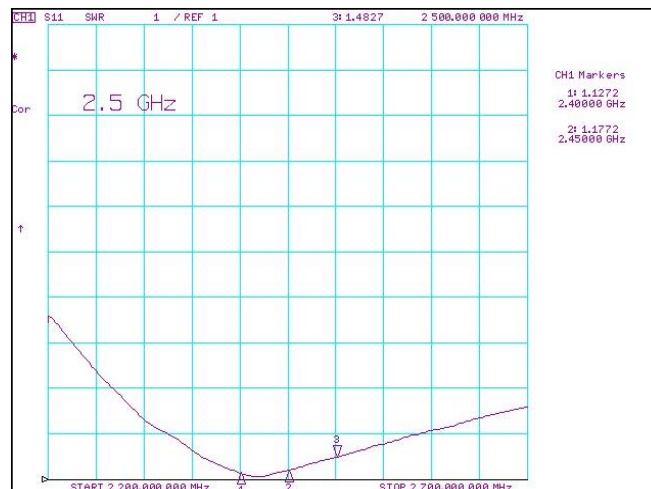


## 4 The performance test

### 1. SMITH



### 2. VSWR



### 3. RETURN LOSS

