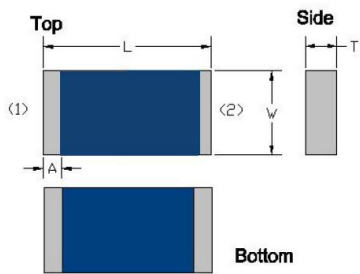


1. Antenna Description:

Antenna type	Chip Antenna
Model	RAN3216F0P2G45
Frequency range	2400MHz~2500MHz
Manufacturer	Shenzhen Tangshang Technology Co., LTD
Address	4018, Building 34, Chentian Industrial Zone, Chentian Community, Xixiang Street, Baoan District, Shenzhen

2. Antenna Photo:



Dimension (mm)	
L	3.15+/-0.15
W	1.55+/-0.15
T	0.50+/-0.10
A	0.35+/-0.10

No.	Terminal Name
1	Feeding point
2	GND

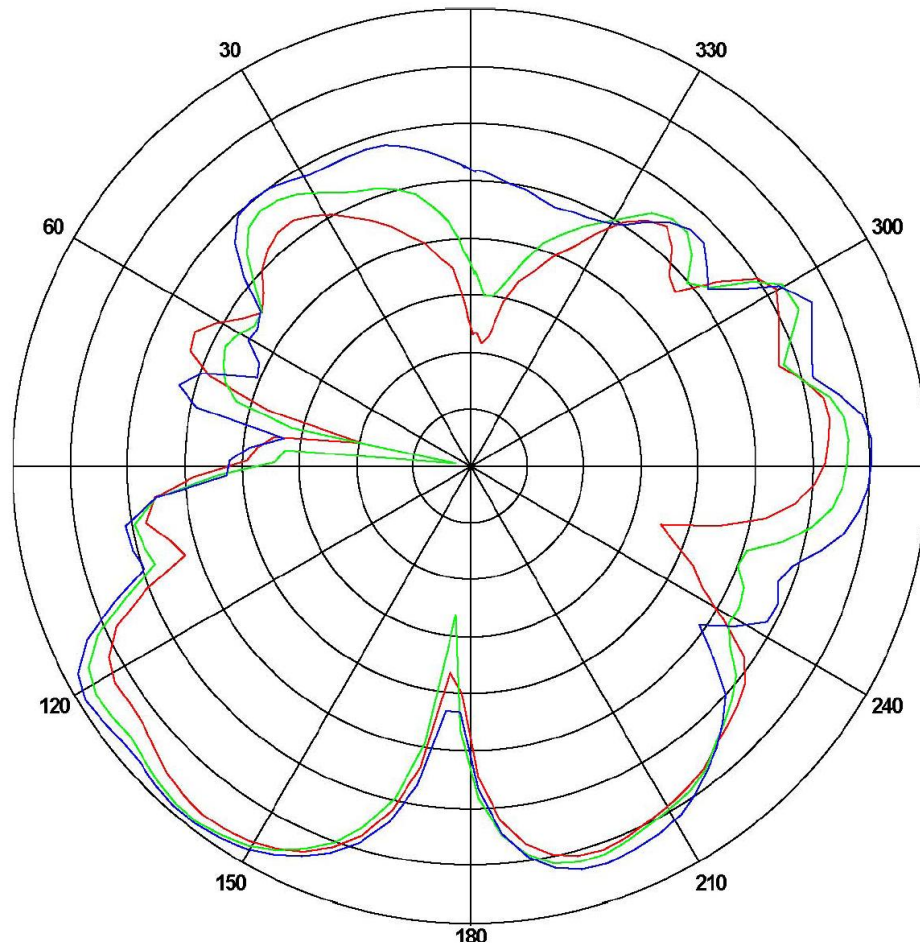
3. Antenna Efficiency and Gain:

Frequency(MHz)	2400	2450	2500
Efficiency (%)	46.75	49.38	50.46
Gain(dBi)	1.96	2.23	2.58

Horizontal: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

Max: 0 Min: -40 Scale: 5/div



Vertical: 2400 MHz 2450 MHz 2500 MHz
Power (dBm)
Max: 0 Min: -30 Scale: 5/div

