



深圳众城无线技术有限公司

Shenzhen unity wireless technology co., ltd

承 认 书

Specification For Approval

Customer: Guang Li

Customer PN: _____

Part Number: ZC3216ANT2450-ZC02

Description: Chip Antenna 3216 L ANT 2.4G

Version: V1.0

Issue Date: 2025.07.21

R&D	Drawn: Zhang Zhineng	
	Checked: Gao. yang	

Customer Approval	RD: Yu Tinghao	
	PD: Sun Yi	

3216 Chip Antenna For Bluetooth Applications

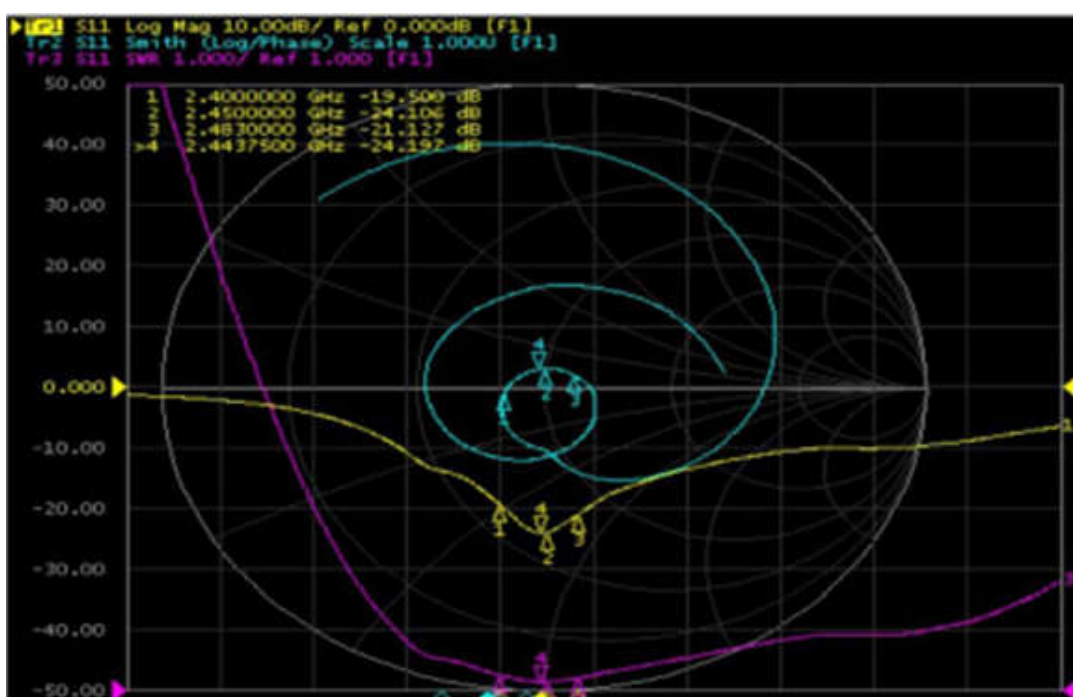
P/N: ZC3216ANT2450-ZC02

	Dimension
L	3.2+/-0.2 mm
W	1.6+/-0.2 mm
T	0.5+/-0.1 mm

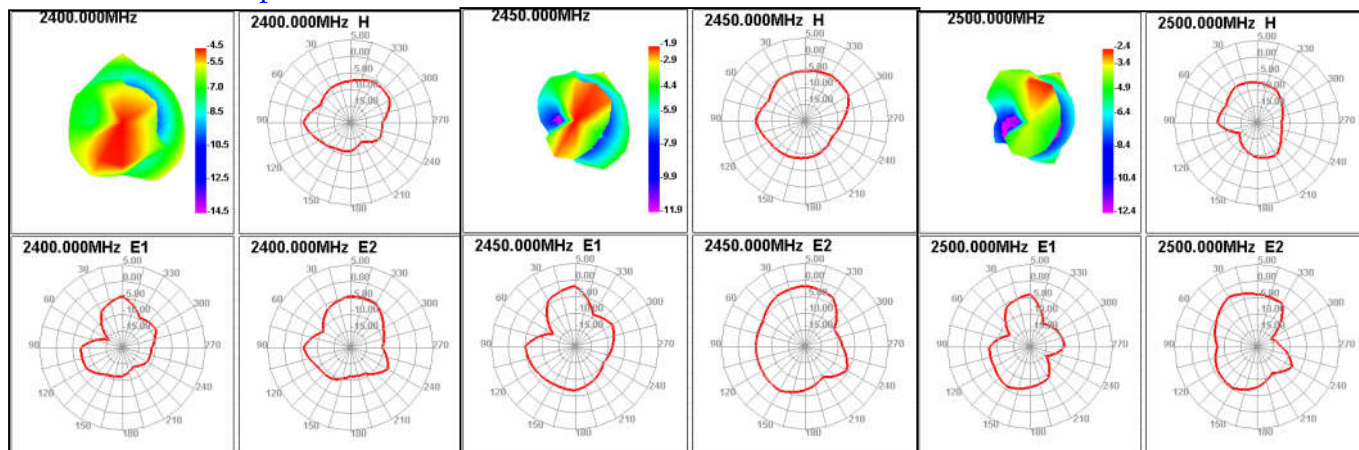
1. Electrical Specifaction

Specification	
Part Number	ZC3216ANT2450-ZC02
Central Frequency	2450 MHz
Bandwidth	100 (Typ) MHz

V. S. W. R	≤ 2.0
Peak Gain	-1.41dBi
Impedance	50 ohm
Polarization	Linear
Azimuth Beamwidth	Omni-directional



Radition pattern



Frequency	Efficiency	Peak Gain(dBi)
2400MHz	14.75%	-4.49
2410MHz	15.24%	-4.37
2420MHz	18.6%	-3.51
2430MHz	21.06%	-2.86
2440MHz	22.51%	-2.3
2450MHz	23.77%	-1.87
2460MHz	23.17%	-1.75
2470MHz	22.58%	-1.41
2480MHz	20.5%	-1.48
2490MHz	20.16%	-1.45
2500MHz	16.03%	-2.43