

Antenna specification

PN:IGK3+-ANT-L

PCB Antenna for 2.4GHz Wireless Communication

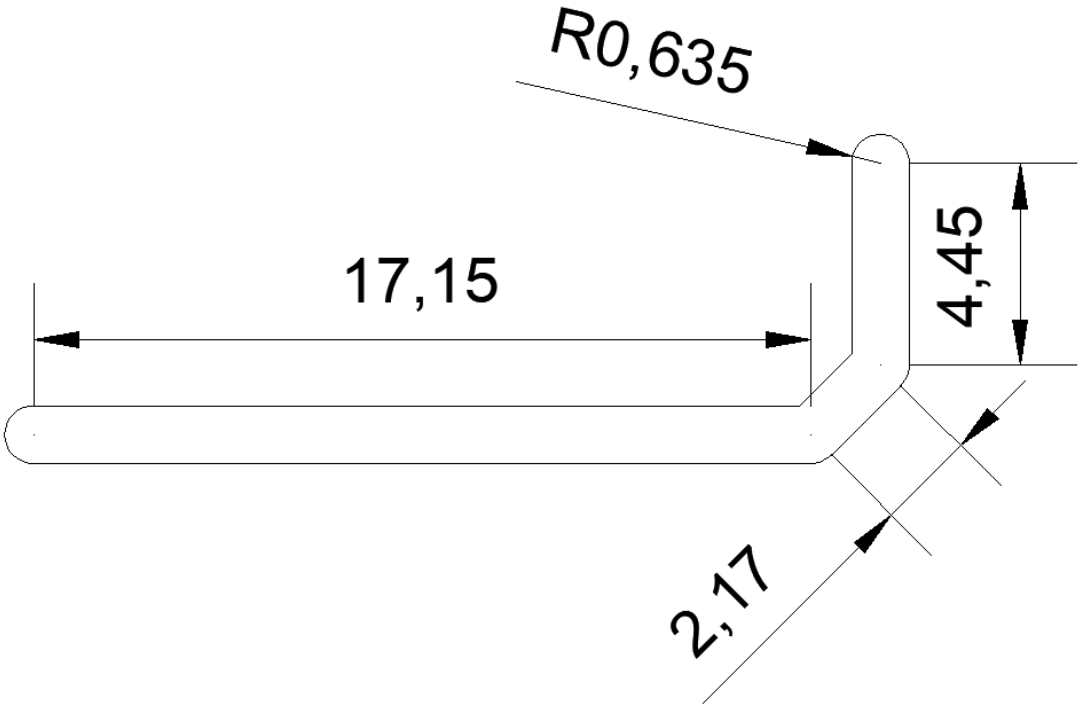
Shenzhen Igloohome Co. Ltd.

1. Specifications

Working frequency	2.4-2.5GHz
Bandwidth	100MHz
Peak gain	4.03dbi
VSWR	2.5
Input Impedance	50Ω
Power handling	3W
Azimuth beamwidth	Omni-directional
Polarization	Linear

2. Dimensions

Unit:mm



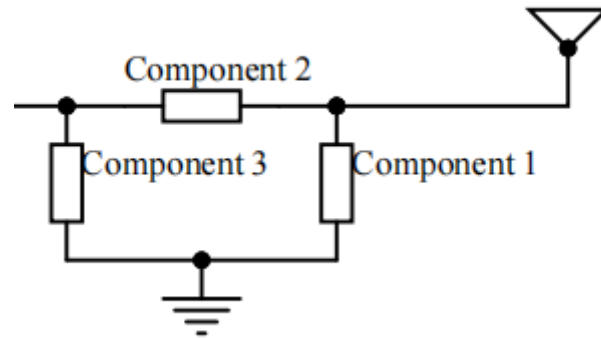
3. Test Report

3.1 Matching Circuit

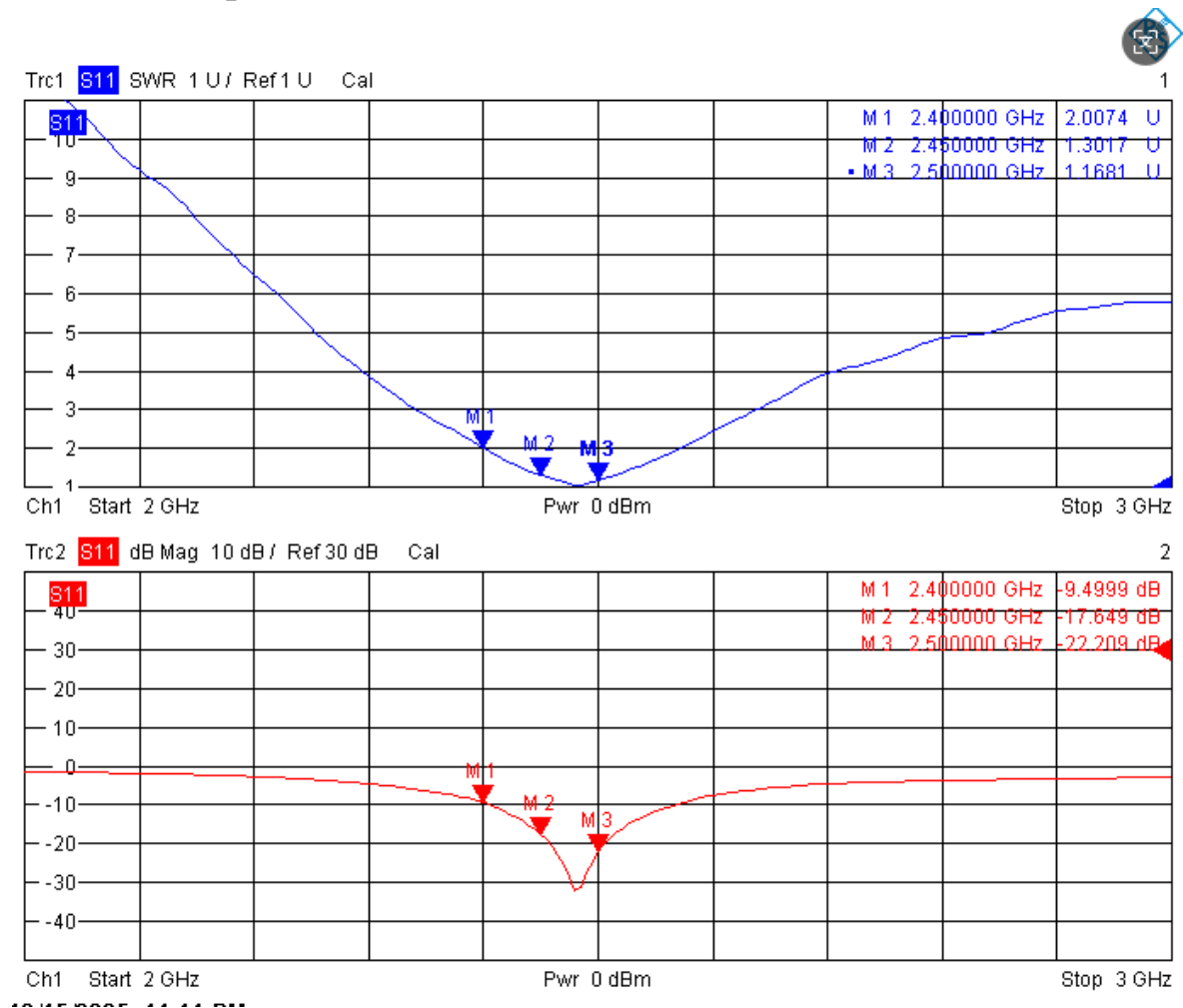
Component 1: NC

Component 2: 0.9pF

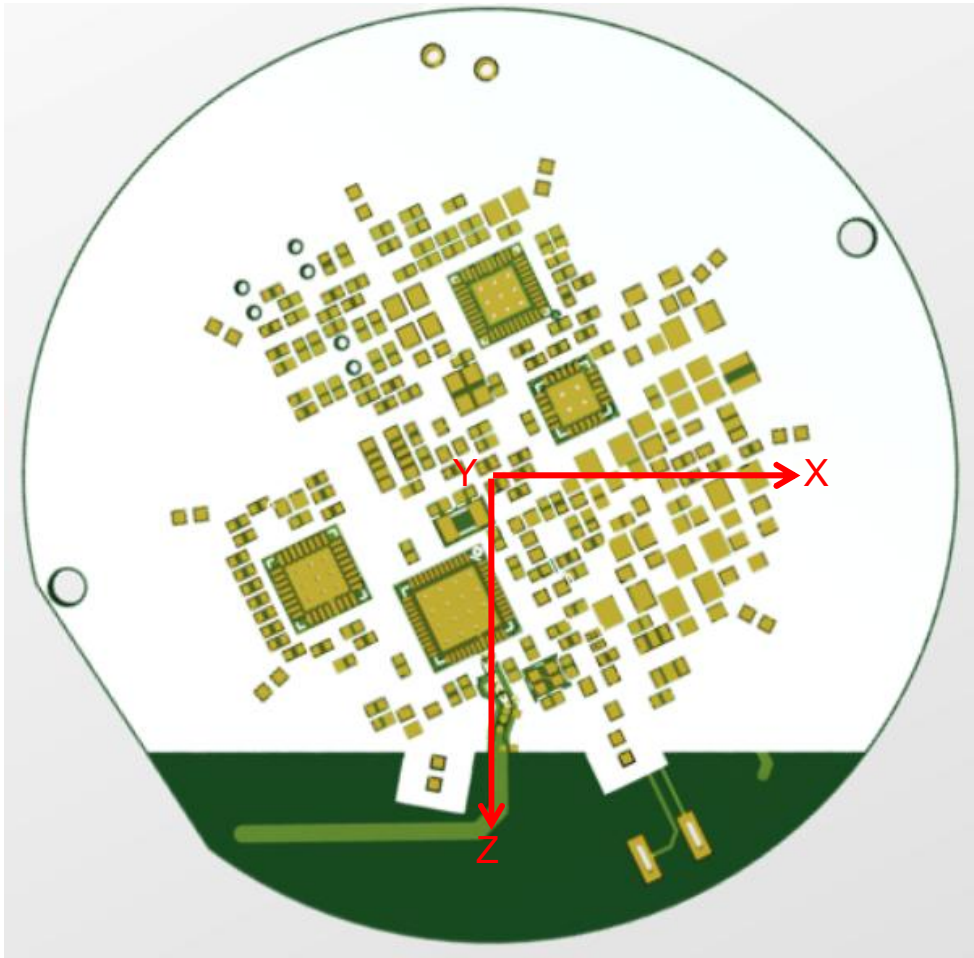
Component 3: 3.6nH



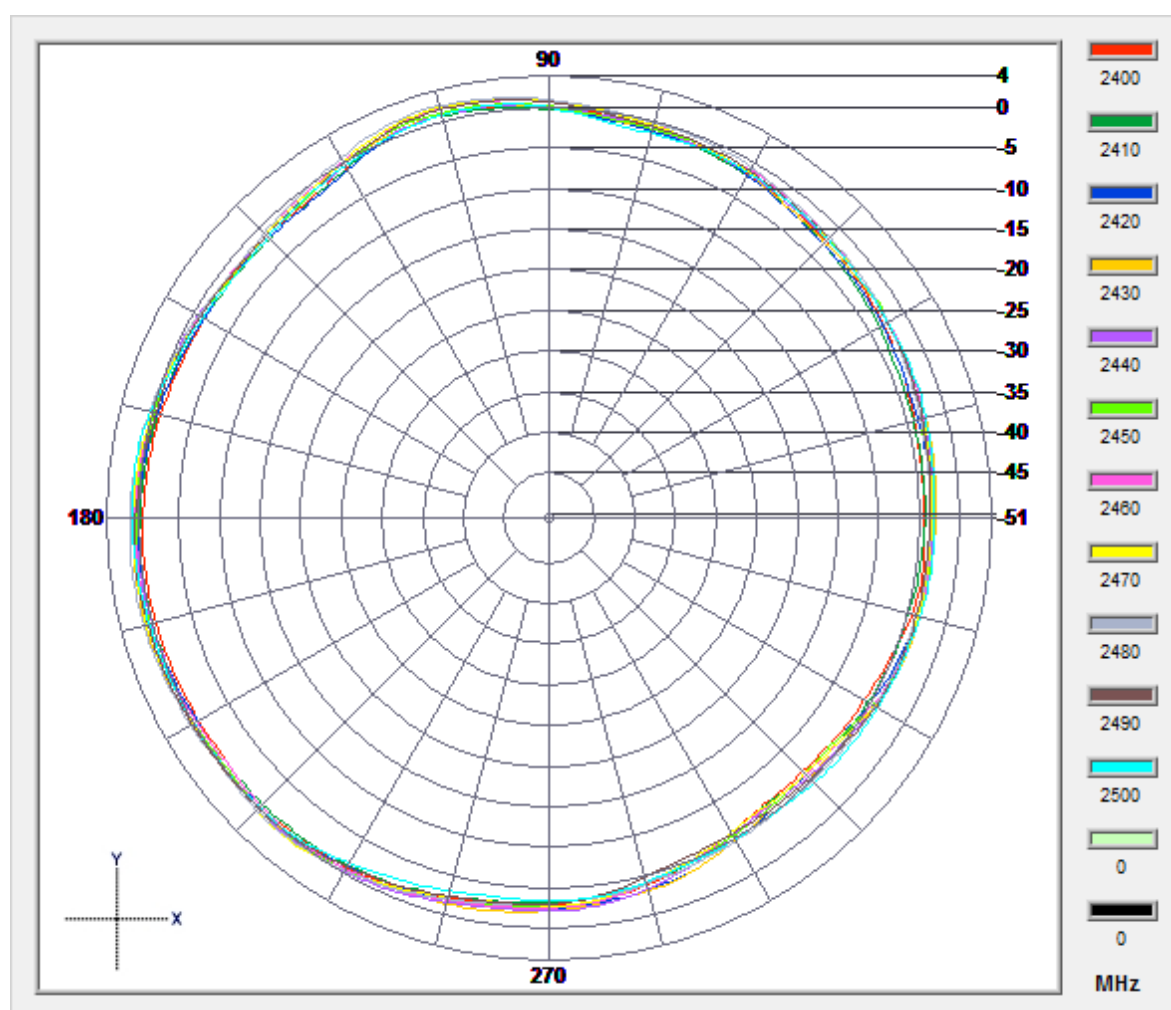
3.2 VNA Report



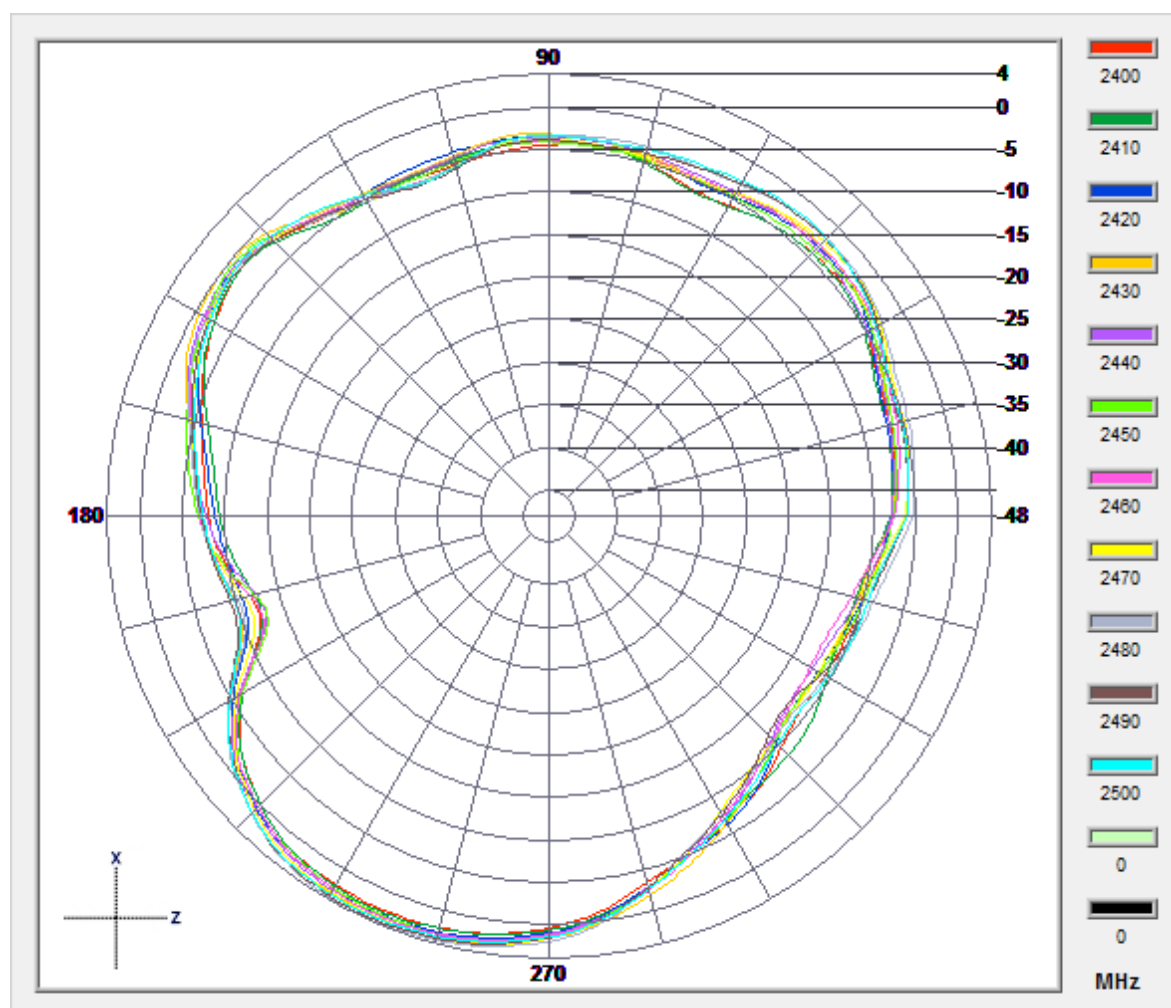
3.3 Radiation Patterns



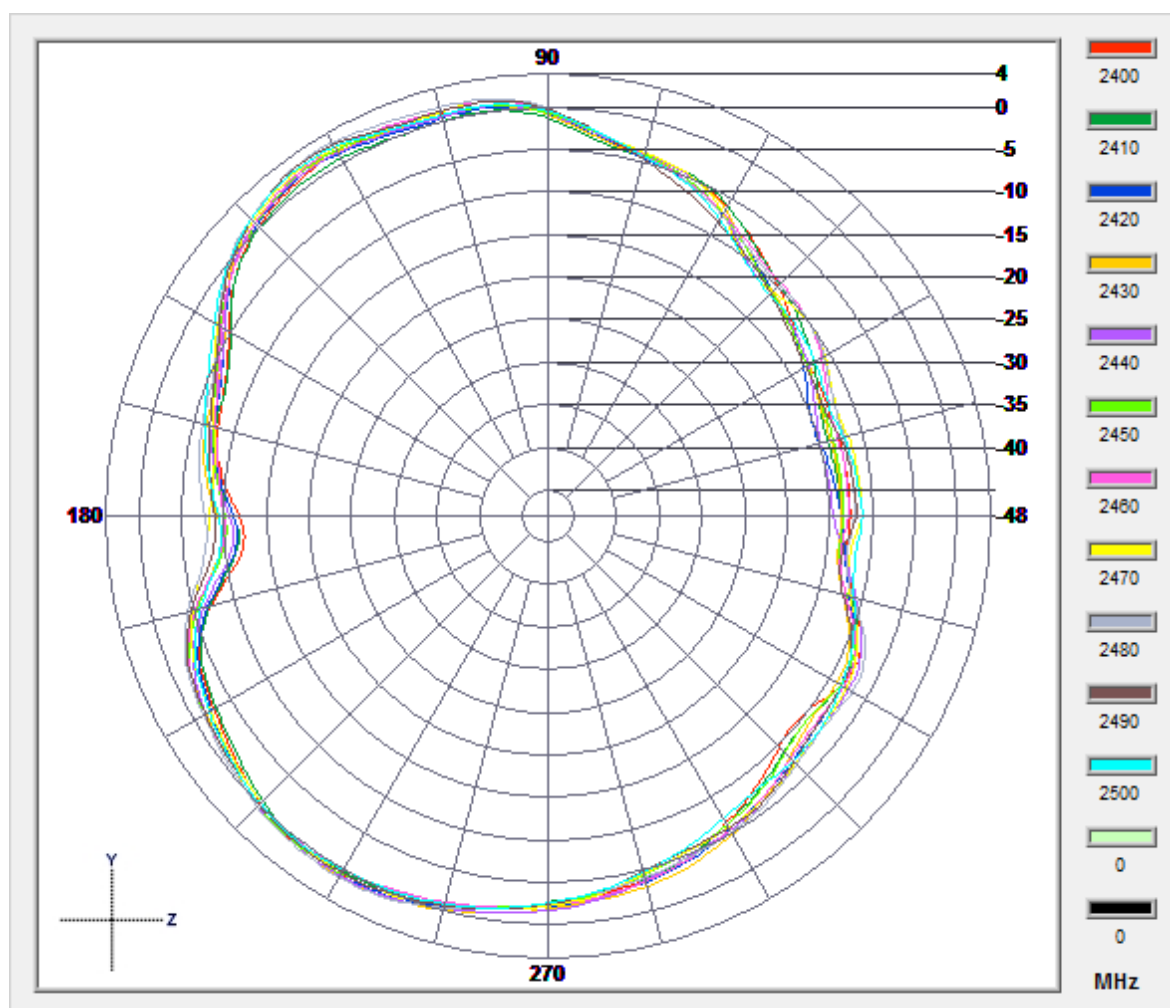
Frequency/MHz	Peak Gain/dBi
2400	2.48
2410	2.60
2420	2.90
2430	3.25
2440	3.19
2450	3.04
2460	3.25
2470	3.44
2480	4.03
2490	3.79
2500	3.49



XY



XZ



YZ