

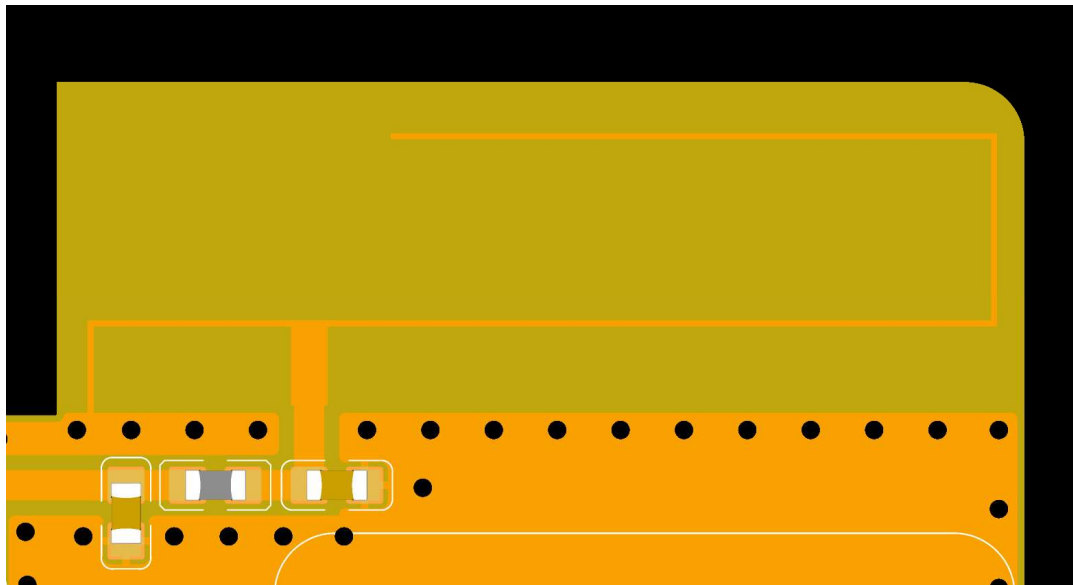
Product specifications acknowledgment

Description : PCB Antenna 2.4G

1.1 Specifications

Antennas Type	on board
Frequency range (MHz)	2400~2480
Input Impendence (Ω)	50
V.S.W. R	<2
Gain (dbi)	2.089 dbi
Polarization Type	vertical
Power Capacity (w)	0.1 W
Lightning Protection	NA
Voltage (V)	NA
Dimension (mm)	5.5X16mm
Radiator	Copper
Operating Temperature ($^{\circ}\text{C}$)	-40~80
Storage Temperature ($^{\circ}\text{C}$)	-40~80

1.2 Antenna Picture

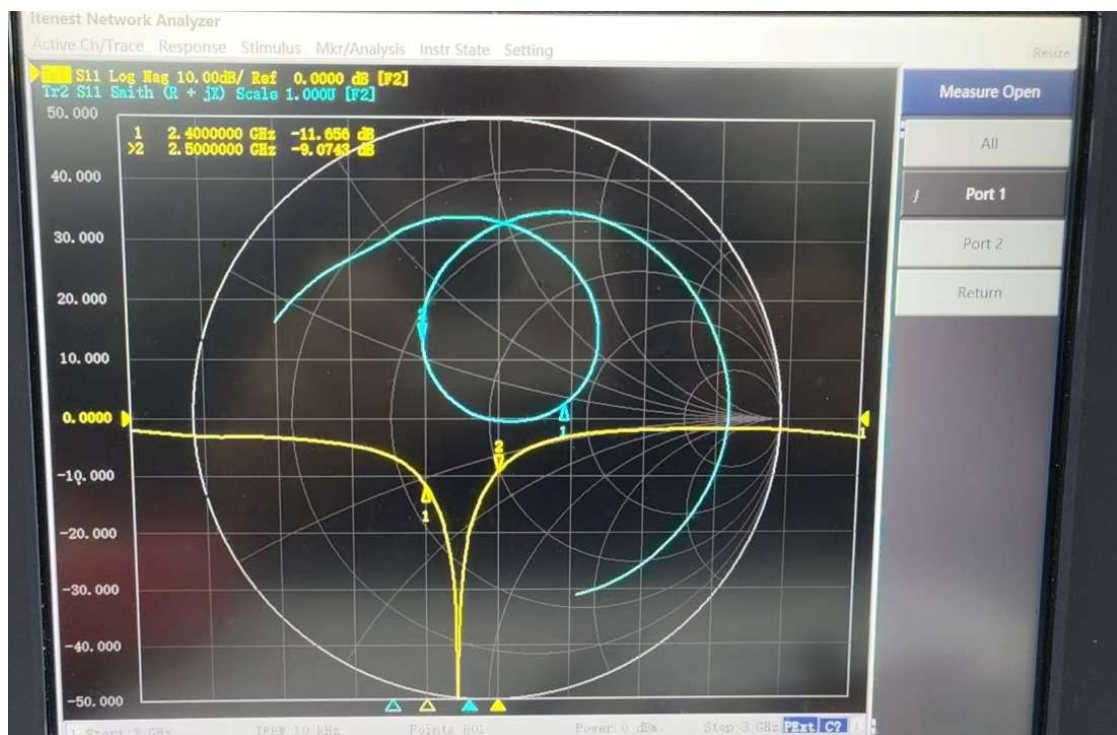


Dimension 16 X 5.5 mm

2. Electrical Specification

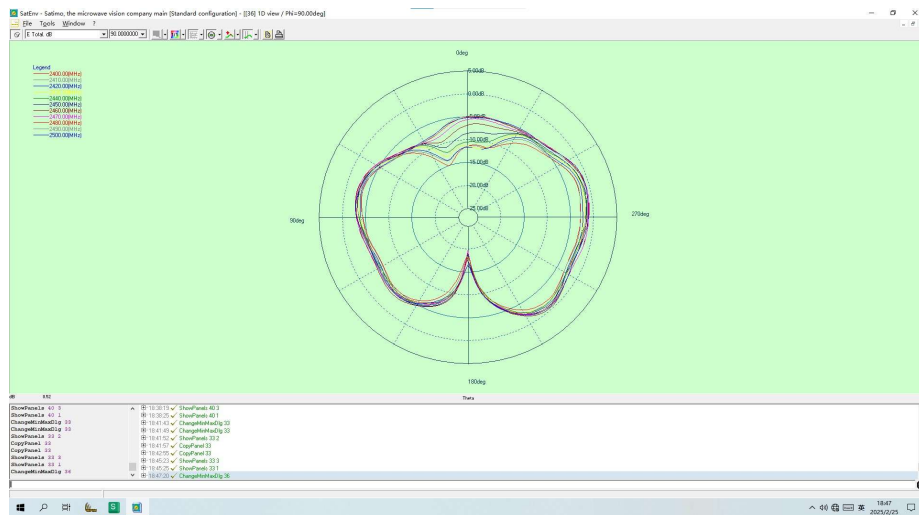
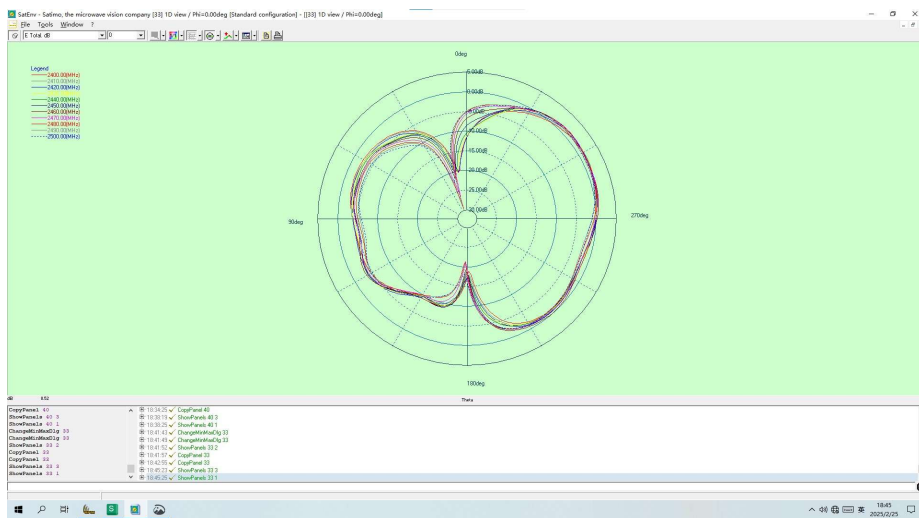
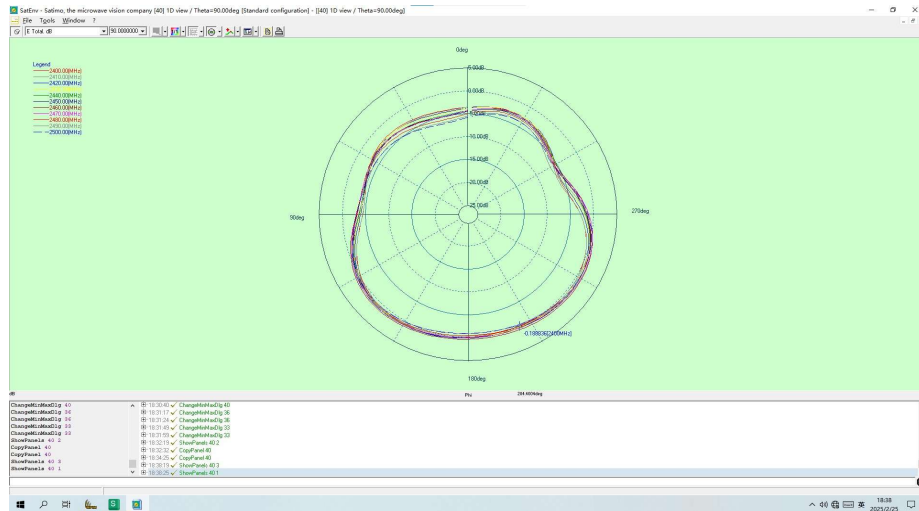
2.1 Test Equipment

A. VSWR and input impedance: Agilent 8753/E5071 Network Analyzer



B. Antenna gain and efficiency:

frequency	Gain dbi	efficiency
2400	1.6259	0.5477
2410	1.6492	0.5561
2420	2.0477	0.5912
2430	2.0259	0.5919
2440	2.089	0.5741
2450	2.0095	0.5761
2460	1.9319	0.5983
2470	1.9542	0.5656
2480	1.9746	0.5227
2490	1.5673	0.5021
2500	1.5574	0.5128



Designed: INPLAY INC

Address: 1 TECHNOLOGY DR, STE J 72B, IRVINE, CA 92618

Tested: Shenzhen Sheng banger Technology Co., LTD

Address: 2 / F, Building B25, Heng Feng Industrial City, Huzhou, Xinxiang, Baoan District, Shenzhen