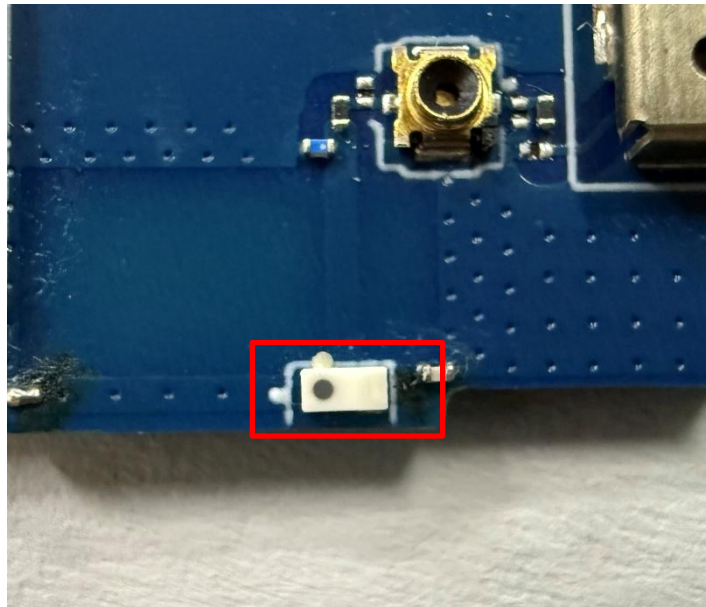


Antenna Specification

1. Antenna Describe

Antenna Manufacturer	Universal Scientific Industrial (Shanghai) Co., Ltd.
Address	No.1558, Zhang Dong Rd., Pudong New Area, Shanghai 201203, China
Antenna Model	ANT016008LCS2442MA1
Antenna Type	Chip Antenna
Antenna Gain	2.4G: 0.5dBi Max, 5G: 0.2dBi Max
Frequency Rang	2400-2500MHz, 5150-5850MHz
VSWR	≤ 2
Input Impedance	50 Ω

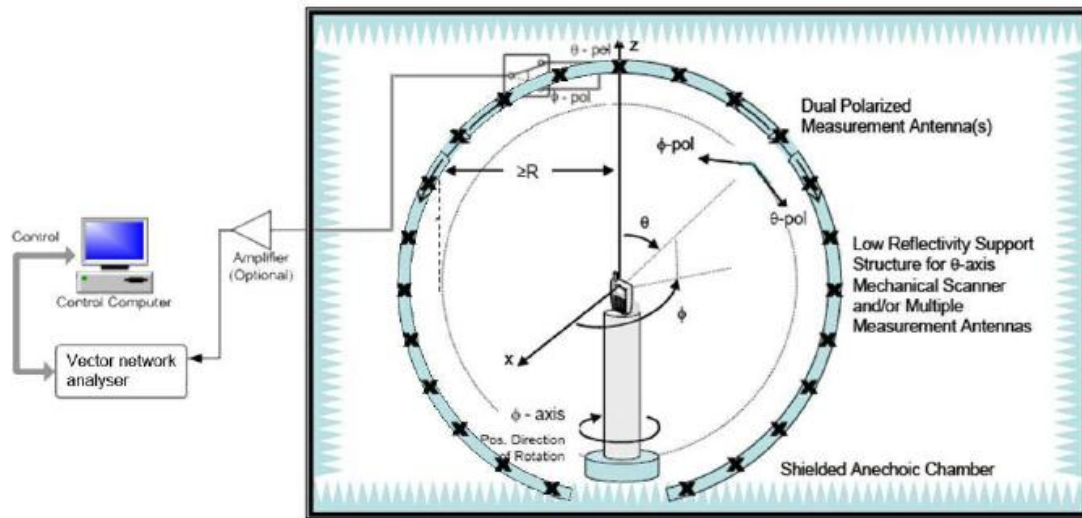
2. External View Drawing



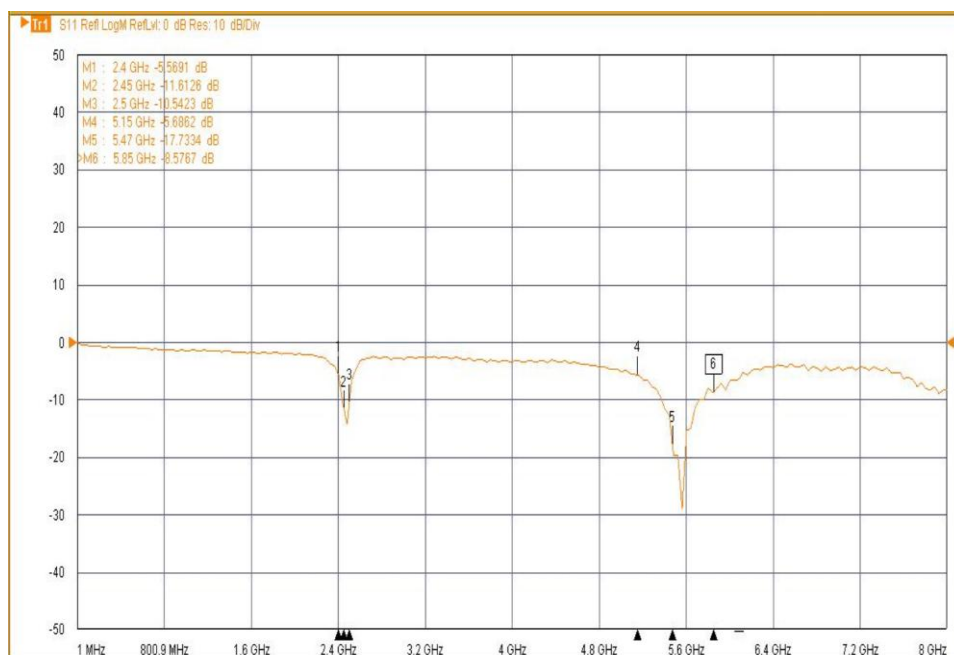
Length = 1.5 ± 0.2 mm, Width = 0.8 ± 0.1 mm, Height = 0.2 ± 0.1 mm

3. Measurement Result

3.1 Test Setup



3.2 S11 Parameter

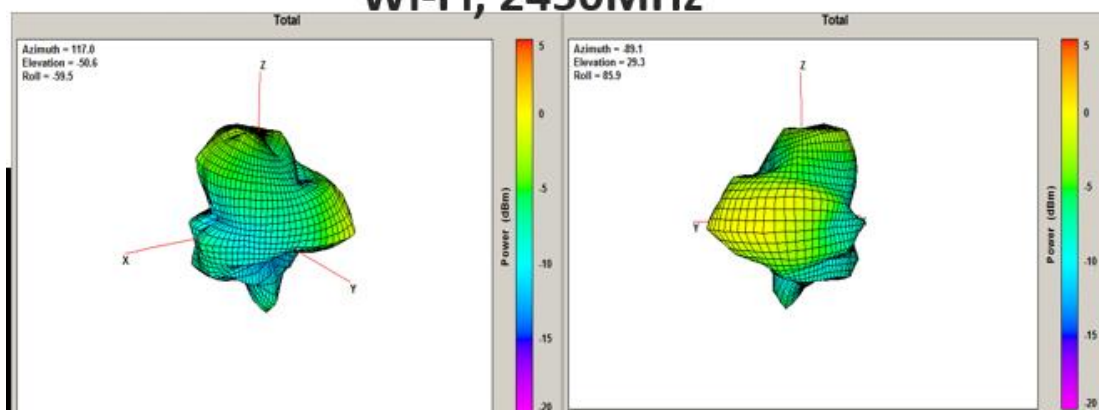


3.3 Antenna test data

Frequency (MHz)	Peak Gain (dBi)	Total Efficiency (%)
2400	-0.3	17.6
2450	0.5	22.6
2500	-0.6	18.8
5150	-2.6	21.6
5470	0.2	35.2
5850	-0.2	27.1

3.4 Antenna test diagram

Wi-Fi, 2450MHz



Wi-Fi, 5470MHz

