

# Antenna specification

## Manufacturer information

**Name:** Hubei Mairuisi New Energy Technology Co., Ltd

**Address:** No. 6 Industrial Plant, Weida Avenue, Binhe Village, Wolong Township, Xiaonan District, Xiaogan City, Hubei Province, China

## 1. Antenna describe:

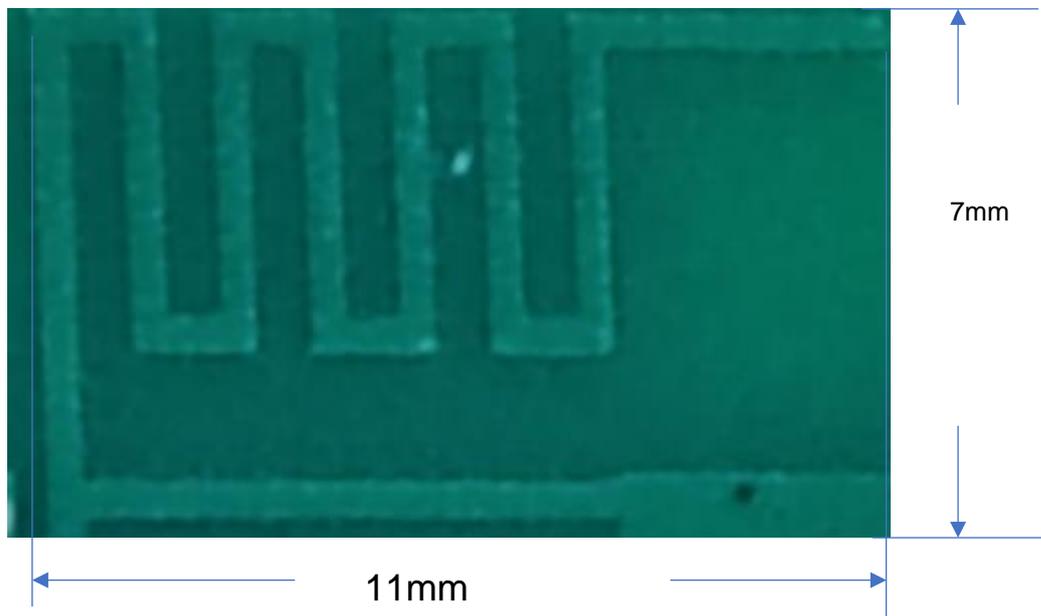
Antenna Model: MRS-AU-11048.1

Antenna plate: PCB Antenna

Frequency range: 2400~2500 MHz

Antenna Peak gain: 2.50dBi

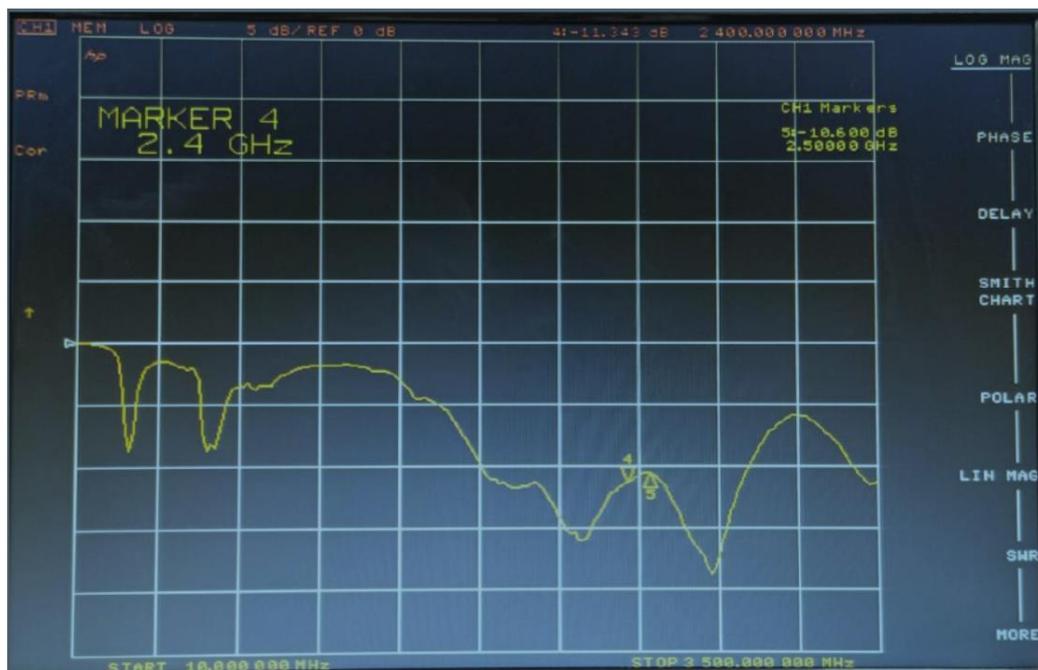
Connector type: direct



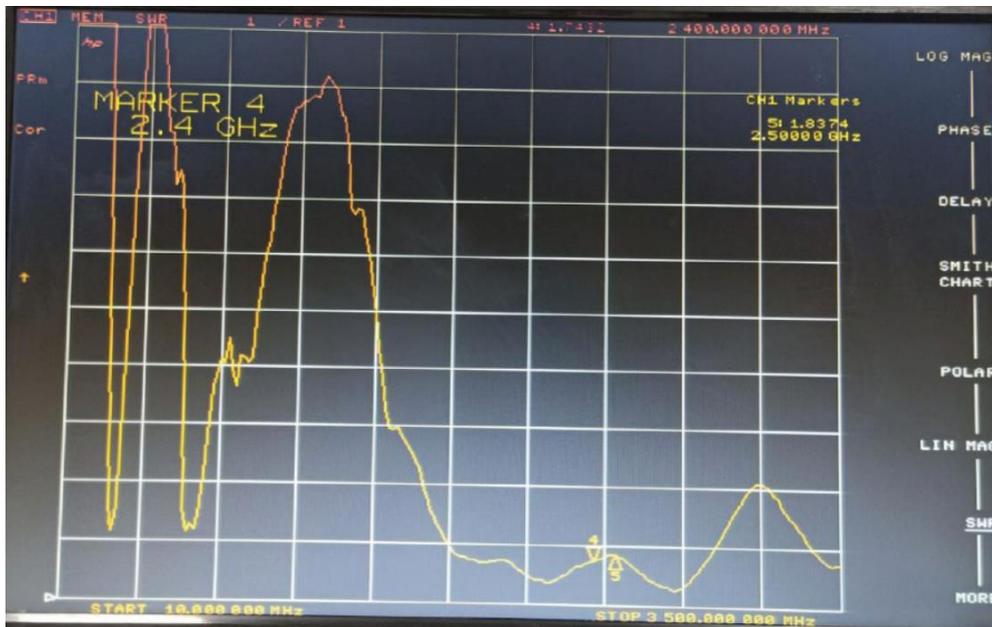
## 2. Efficiency gains

Frequency/MHz	Efficiency/%	Gain/ dB
2400	50.74	2.21
2410	50.96	1.98
2420	49.41	1.85
2430	48.61	1.78
2440	49.96	2.14
2450	50.12	2.50
2460	49.77	2.02
2470	48.64	1.88
2480	49.56	1.53
2490	49.66	1.45
2500	49.45	1.33

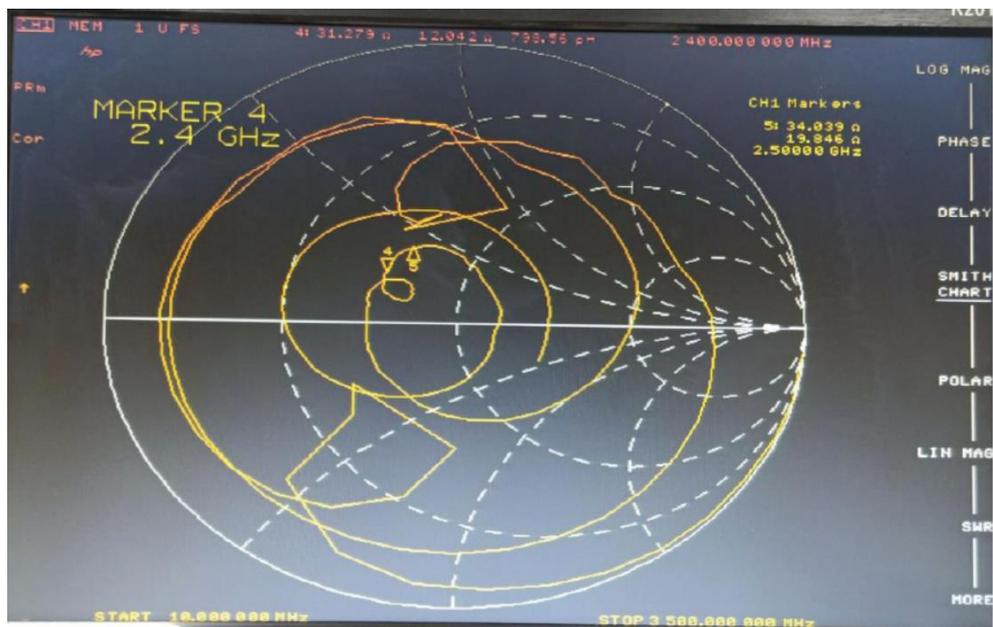
## 3. Return Loss



## 4. VSWR

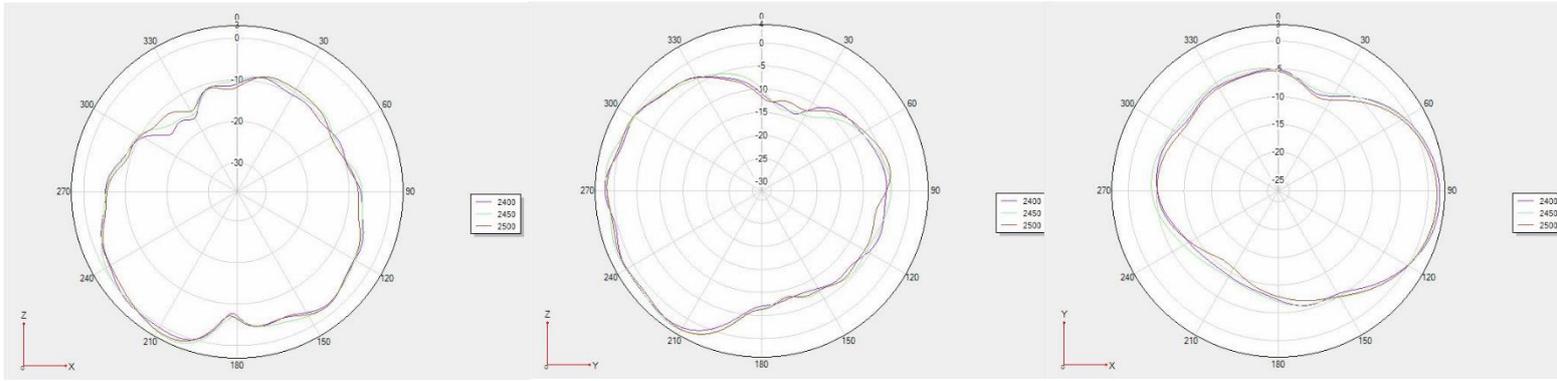


## 5. Smith



# 6. Test Phantom

Phi 0 2Dfigure Phi 90 2Dfigure Theta 90 2Dfigure



2400

2450

2500

