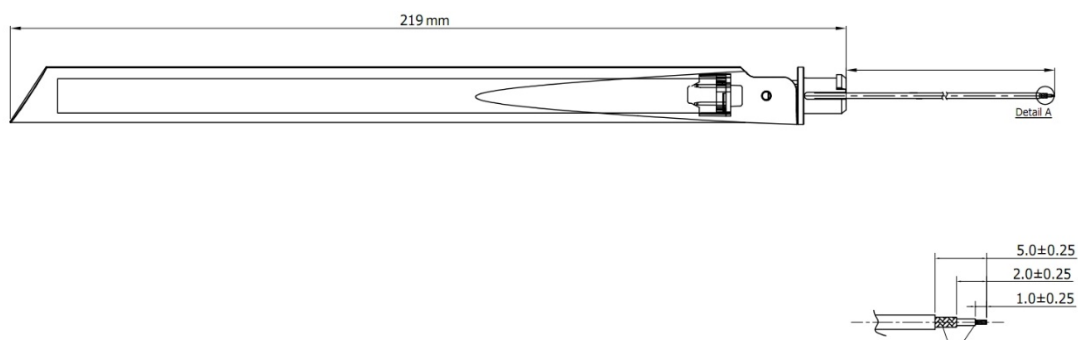


Measurement of Antenna for AC10 Project

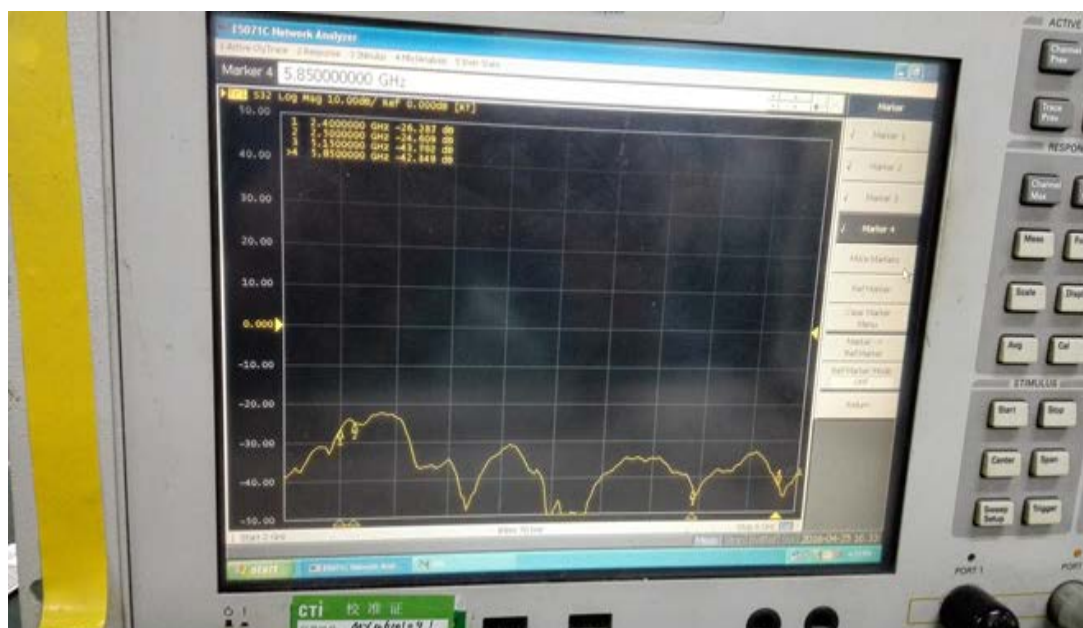
Manufacture: SHENZHEN TENDA TECHNOLOGY CO.,LTD.

1. Antenna Appearance:



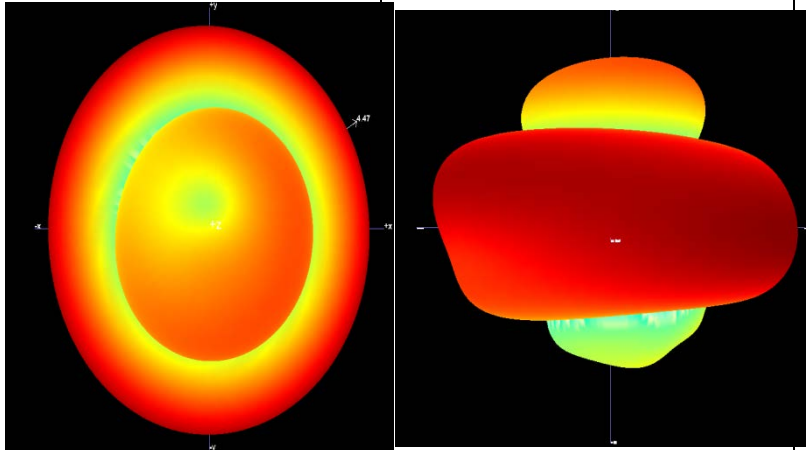
For 2.4GHz

2. Measurement of Reflection Coefficients and Isolation



II Radiation Patterns and Gain

1. Measurement (**Balun**)

Dual-band antenna		
Operating Frequency band: 2.41-2.49G Hz/	Gain	5 dBi
	Efficiency	70- 98%
3D radiation patterns	2450 MHz	

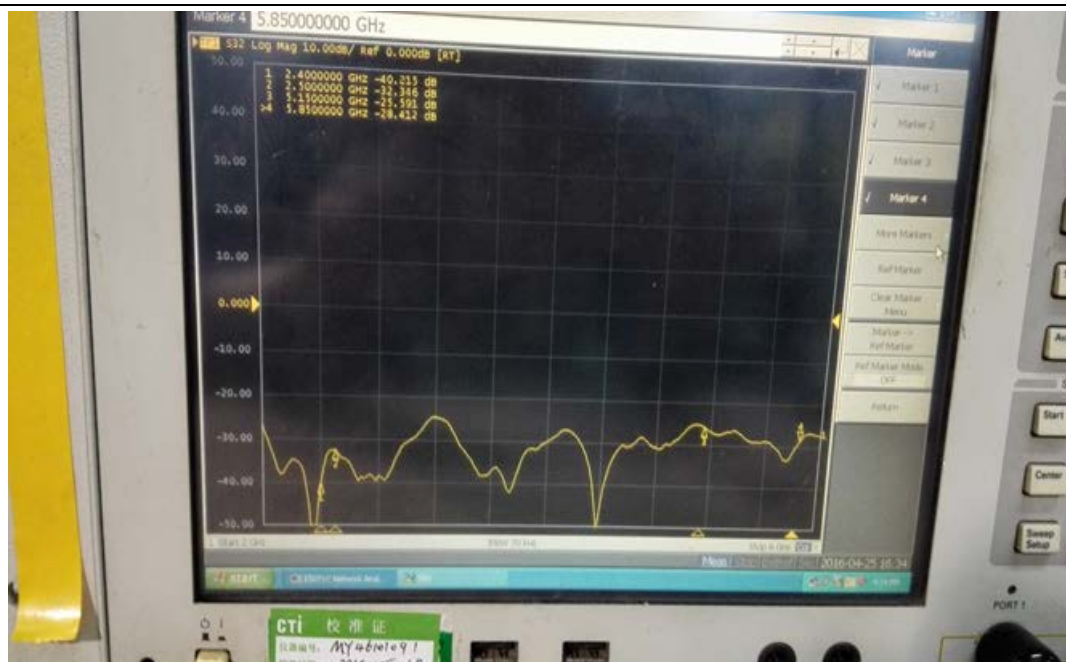
EUT		
note		
Frequency	E Total. dB(dB)	Efficiency()
2400MHz	4.49	70%
2410MHz	4.56	73%
2420MHz	4.75	78%
2430MHz	5	82%
2440MHz	4.70	84%
2450MHz	4.47	85%
2460MHz	4.58	87%
2470MHz	5	92%
2480MHz	5	92%
2490MHz	5	92%
2500MHz	5	94%
	XOY PLANE	XOZ PLANE

SHENZHEN TENDA TECHNOLOGY CO.,LTD.

3D Radiation patterns at 2450 MHz		
	H PLANE	V PLANE
2D Radiation patterns		

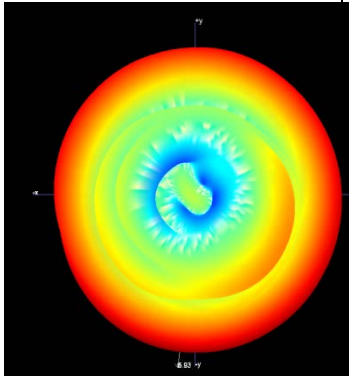
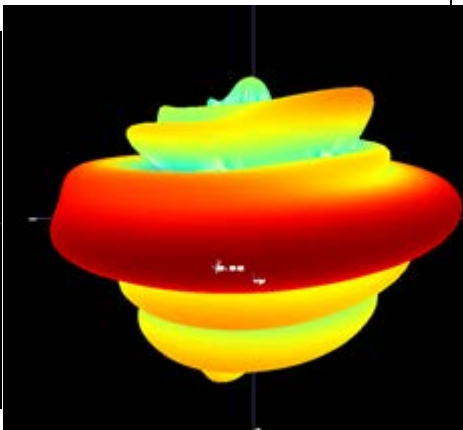
For 5GHz

2.Measurement of Reflection Coefficients and Isolation



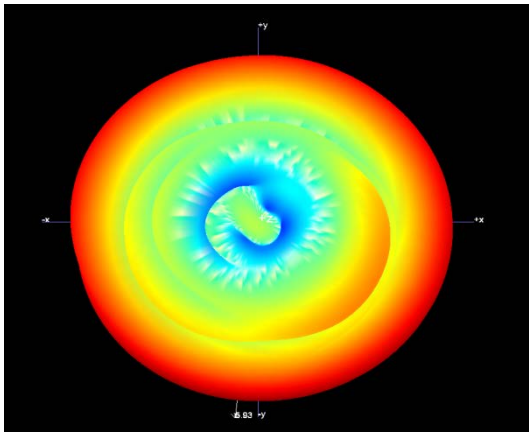
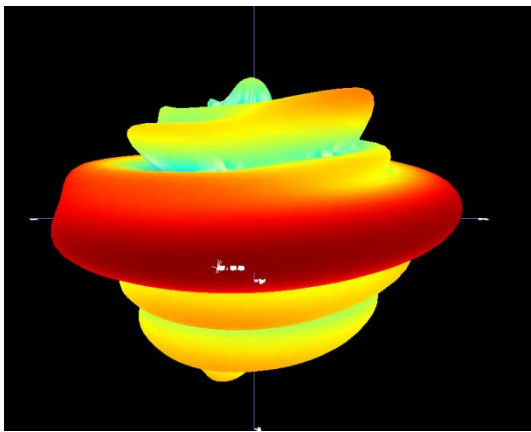
II Radiation Patterns and Gain

1. Measurement (Balun)

Dual-band antenna			
Operating Frequency band: 5.15-5.85G Hz/	Gain	5 dBi	
	Efficiency	74- 78%	
3D radiation patterns	5150 MHz		

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Frequency	E Total. dB(dBi)	Efficiency()
5150MHz	5	77%
5200MHz	5	79%
5250MHz	5	79%
5700MHz	5	76%
5750MHz	5	77%
5800MHz	5	74%
5850MHz	5	77%
5900MHz	5	74%
	XOY_PLANE	XOZ PLANE
3D Radiation patterns at 5150 MHz		
2D Radiation patterns	