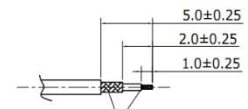
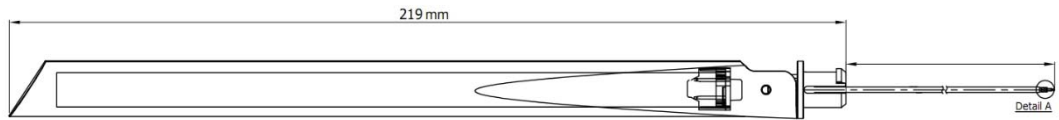


## Measurement of Antenna for N3W-4H Project

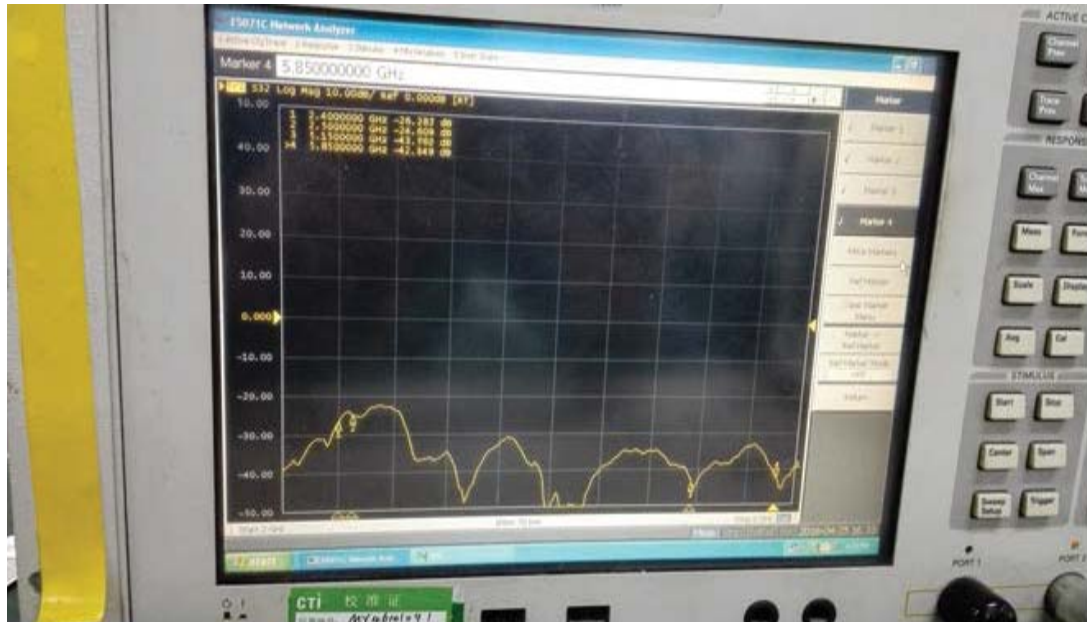
Manufacture: SHENZHEN TENDA TECHNOLOGY CO., LTD.

### 1. Antenna Appearance:



### For 2.4GHz

### 2. Measurement of Reflection Coefficients and Isolation

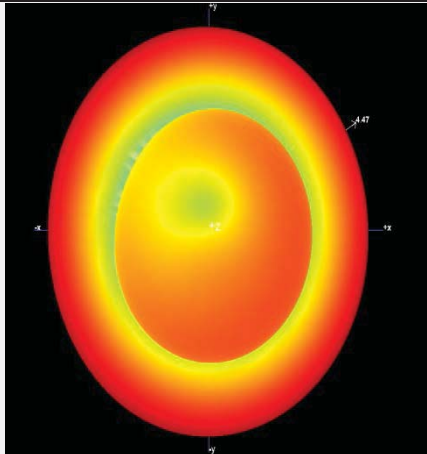
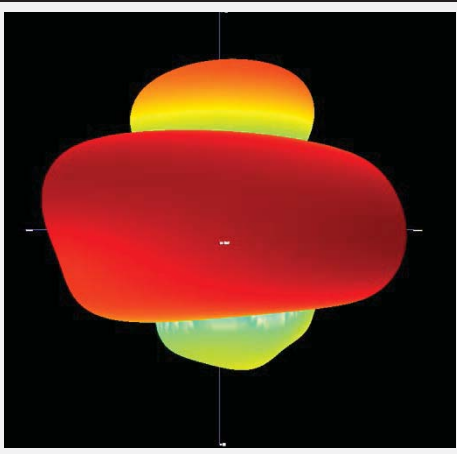


## II Radiation Patterns and Gain

## 1. Electrical performance test results at normal temperature

No.	Test Item	Unit	Performance specification requirements	Results		Judgment
				Smple No.		
1	Range	MHz	2400-2483	2400-2483		OK
2	Gain	dBi	5	2400	4.49	OK
				2450	4.47	OK
				2483	4.94	OK
3	Return loss	dB	$\leq -10$	2400	-21	OK
				2450	-19	OK
				2483	-14	OK

## 2. Directional diagram

EUT		
note		
Frequency	E Total. (dBi)	Efficiency( )
2400MHz	4.49	70%
2410MHz	4.56	73%
2420MHz	4.75	78%
2430MHz	4.83	82%
2440MHz	4.70	84%
2450MHz	4.47	85%
2460MHz	4.58	87%
2470MHz	4.83	92%
	XOY PLANE	XOZ PLANE
3D Radiation patterns at 2450 MHz		
	H PLANE	V PLANE

