

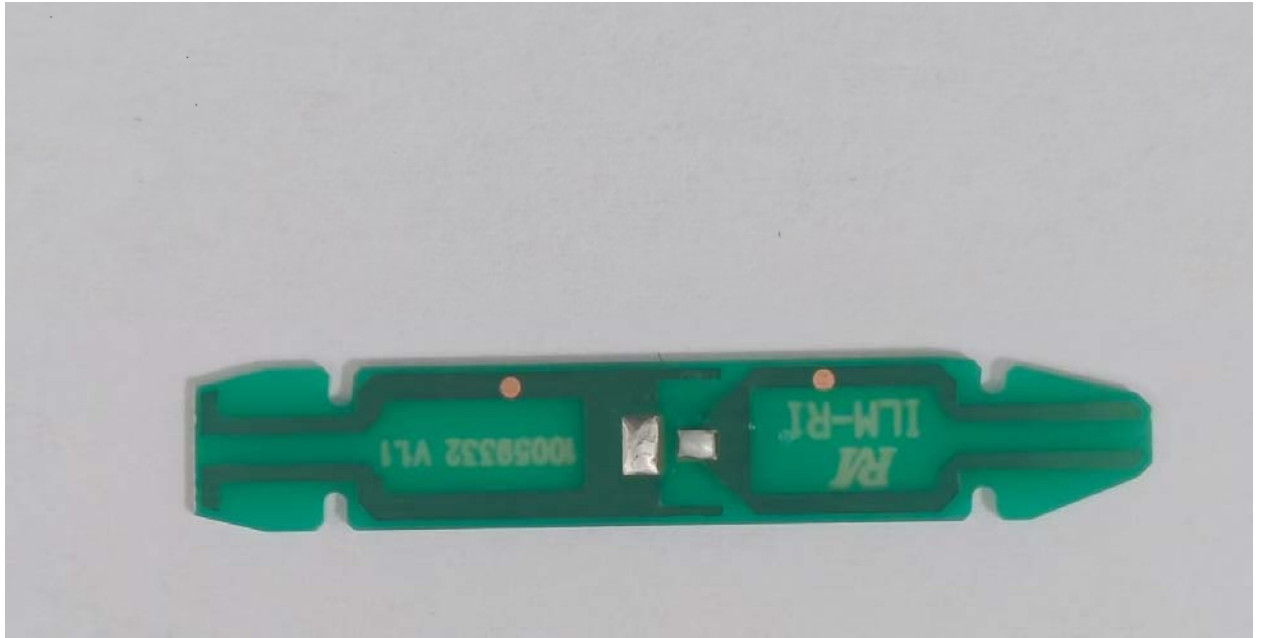
Measurement of Antenna for R10 Project

Manufacture: SHENZHEN TENDA TECHNOLOGY CO., LTD.

6-8 Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052

Type:R10 Antenna

1. Antenna Appearance:



2. Electrical performance test results at normal temperature

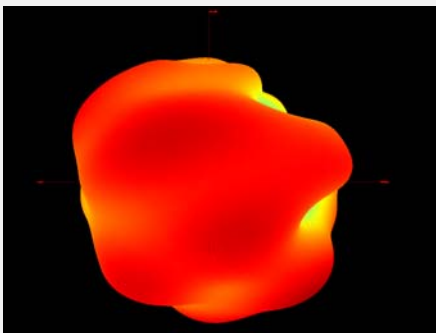
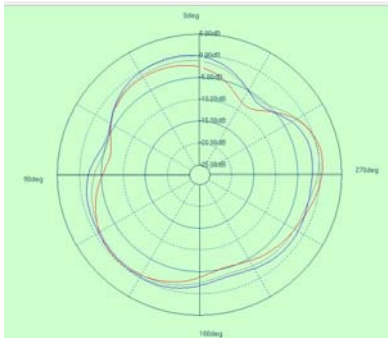
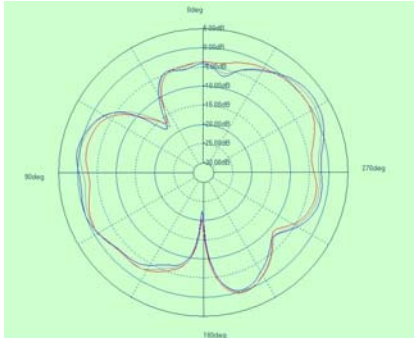
a) Antenna 1

No	Test Item	Unit	Demand Performance	Test Result		Judgement
1	Frequency Range	MHz	2400-2483	2400-2483		OK
2	Gain	dBi	3.2	2410	3.12	OK
				2450	3.20	OK
				2483	3.15	OK
3	Return loss	dB	≤ -10	2410	-17	OK
				2450	-33	OK
				2483	-21	OK

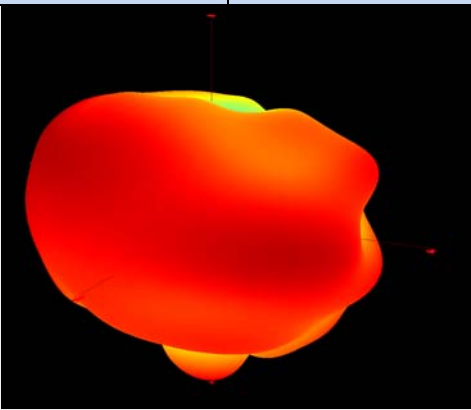
B) Antenna 2

No	Test Item	Unit	Demand Performance	Test Result		Judgement
1	Frequency Range	MHz	2400-2483	2400-2483		OK
2	Gain	dBi	3.23	2410	3.05	OK
				2450	3.15	OK
				2483	3.23	OK
3	Return loss	dB	≤ -10	2410	-16	OK
				2450	-28	OK
				2483	-22	OK

Directional diagram for ANT1

EUT		
Remark		
3D Radiation patterns 2.4GHz		
	H PLANE	V PLANE
2D Radiation patterns 2.4GHz		

Directional diagram for ANT2

EUT		
Remark		
3D Radiation patterns 2.4GHz		
	H PLANE	V PLANE

2D Radiation patterns
2.4GHz

