

Measurement of Antenna for CP3 Project

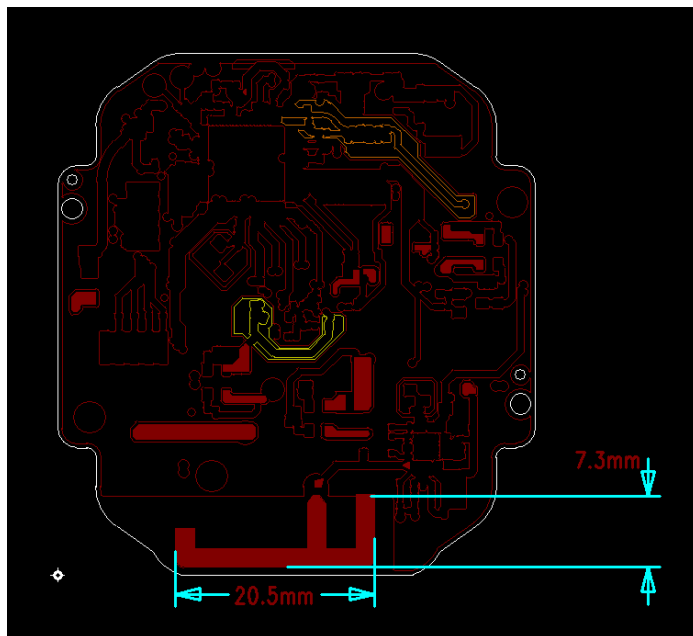
Manufacture: SHENZHEN TENDA TECHNOLOGY CO., LTD.

Address: 6-8 Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan

District, Shenzhen, China. 518052

Model:CP3 PCB Antenna

1. Antenna Appearance:



2. Electrical performance test results at normal temperature

a) 2. 4G Antenna

No	Test Item	Unit	Demand Performance	Test Result		Judgement
1	Frequency Range	MHz	2400-2483	2400-2483		OK
2	Gain	dBi	2	2410	2.53	OK
				2450	2.62	OK
				2483	2.66	OK
3	Return loss	dB	≤ -10	2412	-27	OK
				2450	-25	OK
				2483	-26	OK

Directional diagram for 2.4GHz

EUT		
Remark		
Frequency	E Total. dB(dB)	Efficiency()
2400MHz	2.54	57%
2410MHz	2.53	55%
2420MHz	2.62	54%
2430MHz	2.65	54%
2440MHz	2.58	54%
2450MHz	2.62	59%
2460MHz	2.71	60%
2470MHz	2.49	55%
2480MHz	2.66	60%
2490MHz	2.57	55%
	H PLANE	V PLANE
2D Radiation patterns		

2. 4G Return loss test

