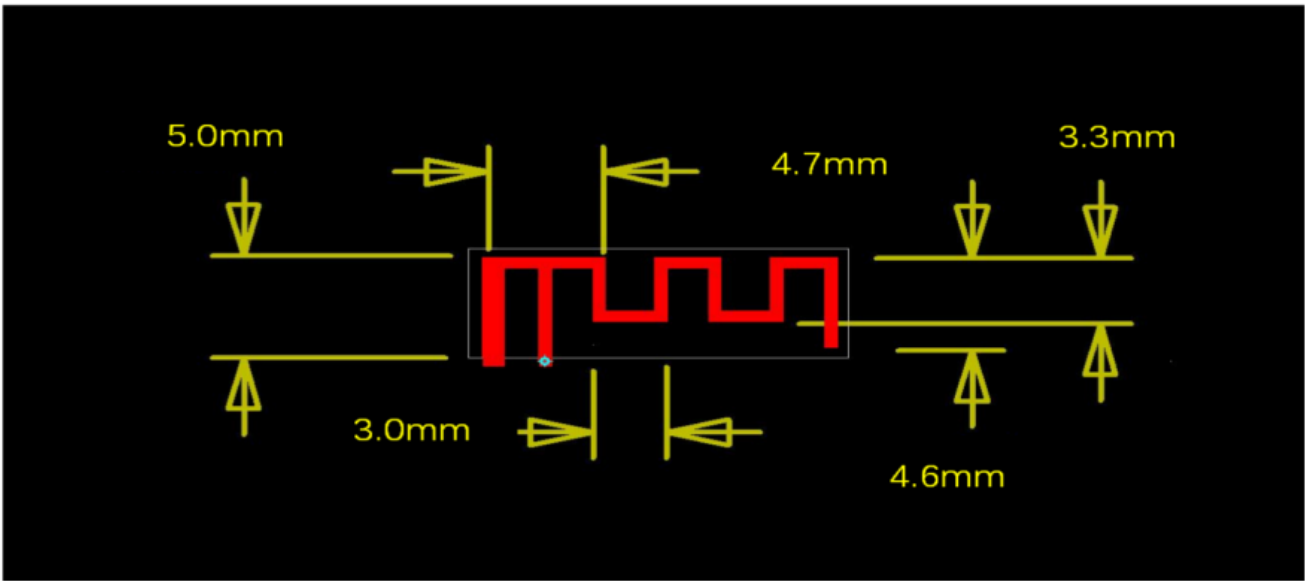


Antenna describe

1. Antenna describe:	
Anetenna plate	PCB antenna
Make name/model name	2. 4G_PCB_SPP200
Anetenna gain	0. 68dBi
frequency range	2. 4GHz-2. 5GHz
Connector type	direct

2、 External view drawing:

Picture of antenna



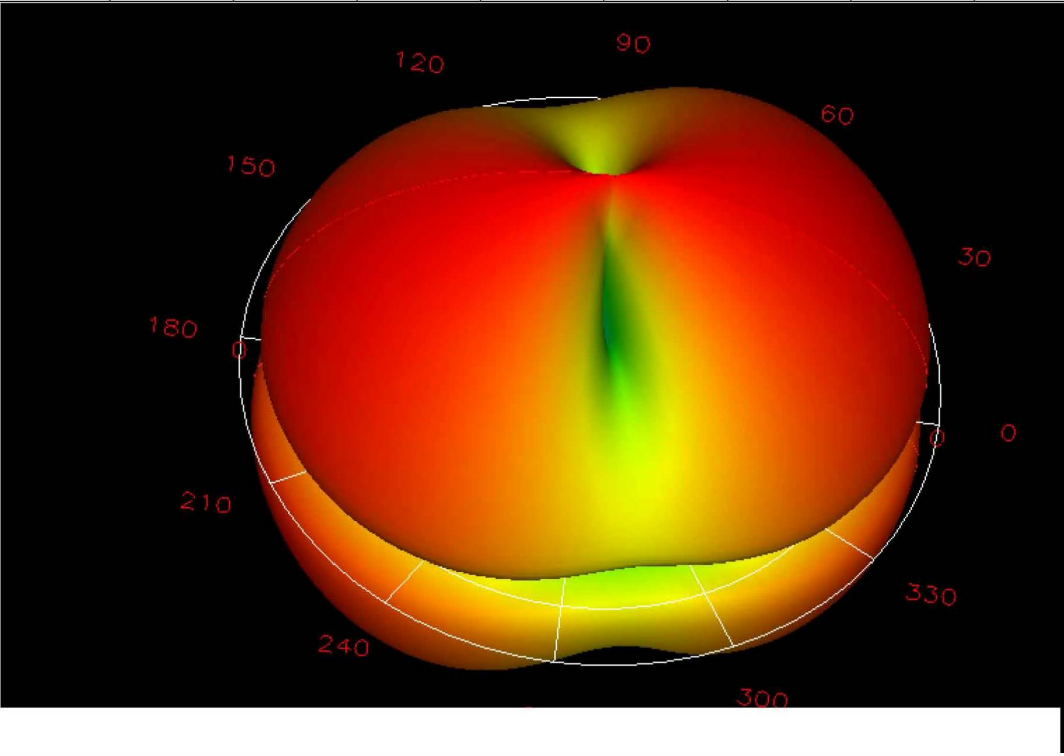
Manufacturer:Zhanrong Technology (Shenzhen) Co., Ltd.
Address:No. 1022 Jincheng Road, Shajing Subdistrict, Bao'an District, Shenzhen City

3. Antenna Radiation Pattern

Radiation pattern@2.400GHZ

Total Average Gain:-0.475dbi

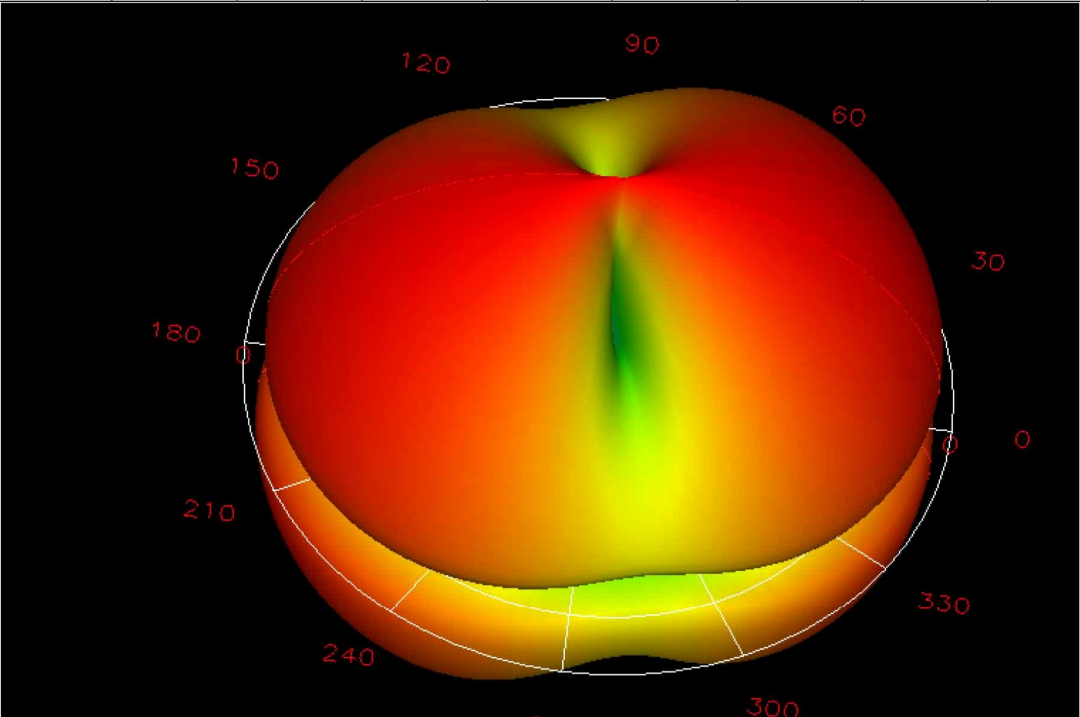
Phi	0	45	90	135	180	235	270	315
Gain	-0.1	-0.3	-0.8	-0.5	-0.2	-0.6	-0.8	-0.5



Radiation pattern@2.441GHZ

Total Average Gain:-0.275dbi

Phi	0	45	90	135	180	235	270	315
Gain	0	-0.1	-0.3	-0.6	-0.1	-0.2	-0.6	-0.4



Radiation pattern@2.500GHZ

Total Average Gain:-0.237dbi

Phi	0	45	90	135	180	235	270	315
Gain	0	-0.1	-0.2	0.68	0	-0.3	-0.6	-0.2

