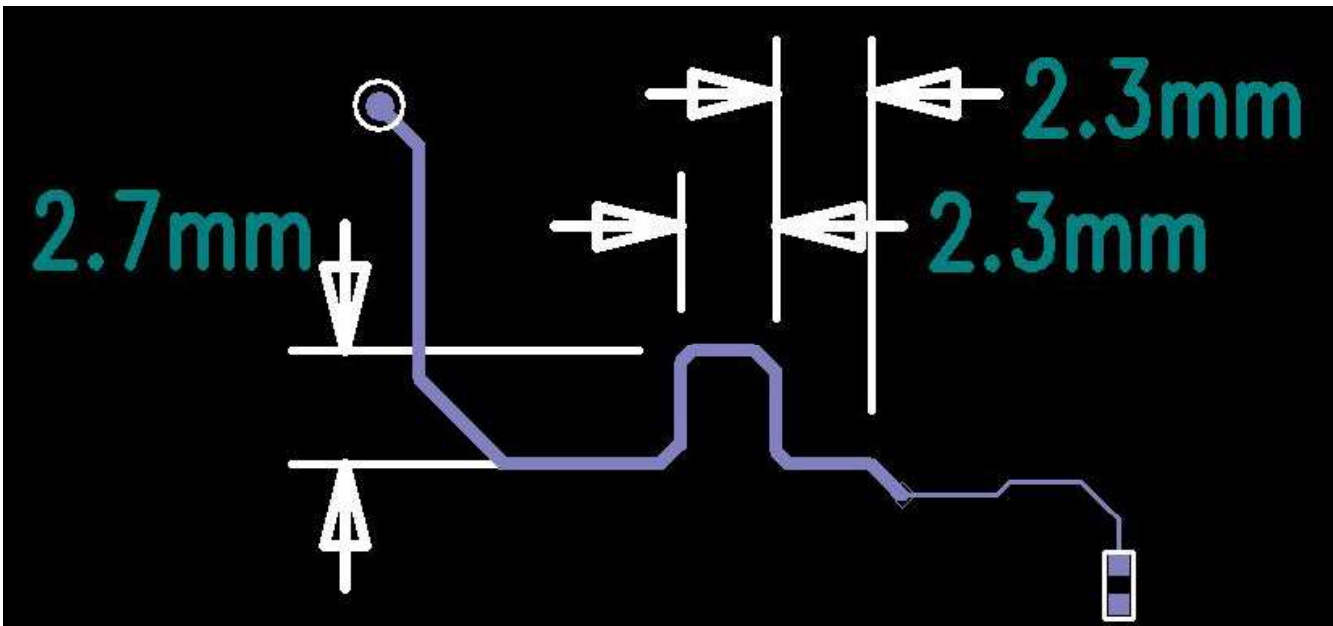


Antenna describe

1.Antenna describe:	
Anetenna plate	PCB antenna
Make name/model name	2. 4G_PCB_SPP200
Anetenna gain	MAX 0.68dBi
frequency range	2.4GHz-2.5GHz
Connector type	direct

2、 External view drawing:

Picture of antenna



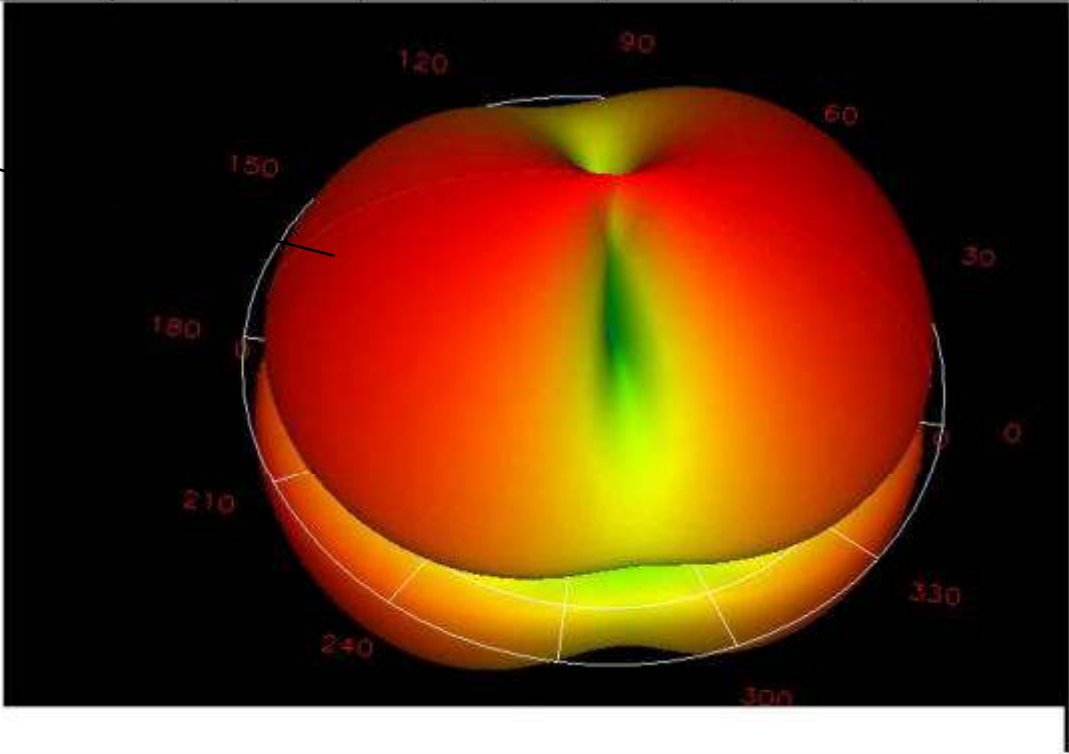
Manufacturer:Shenzhen starts Technology Co.,Ltd.
Address:Room B201, Building 88, Fifth Industrial Zone, Mashantou Community, Matian Sub-district, Guangming District, Shenzhen City

3. Antenna Radiation Pattern

Radiation pattern@2.400GHZ

Total Average Gain:-0.475dbi

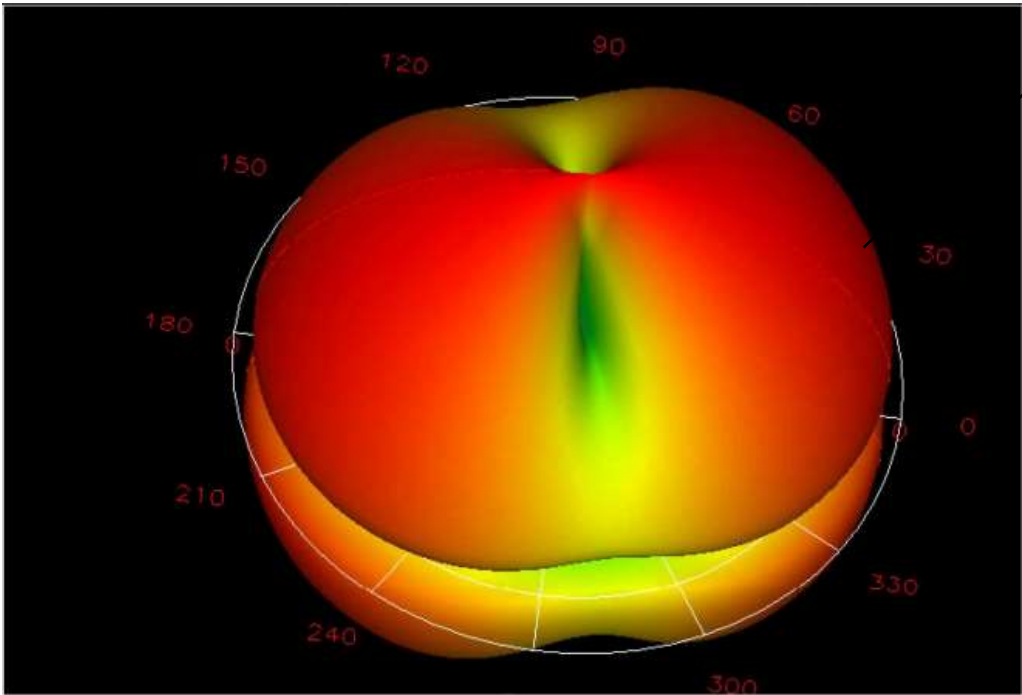
Phi \ Theta	45	90	135	180	235	270	315	
Gain	-0.1	-0.3	-0.8	-0.5	-0.2	-0.6	-0.8	-0.5



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



max gain: -0.1dBi

Radiation pattern@2.500GHZ

Total Average Gain : -0.237dbi

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

