

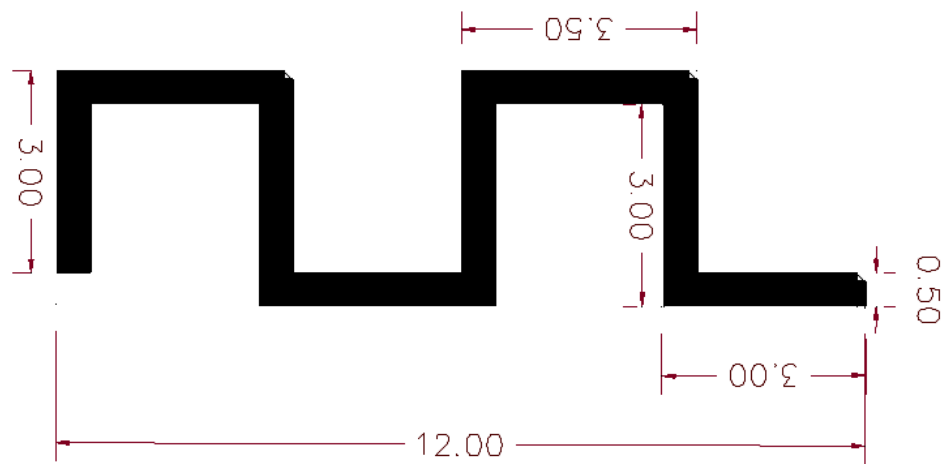
Antenna describe

1. Antenna describe;

Antenna plate	PCB antenna
Make name/model name	HLW3215-TG
Antenna gain	0dBi
Frequency range	2.4GHZ—2.484GHZ
Connector type	Direct
(company name)	SHEN ZHEN SHI XINZHONGXIN TECHNOLOG.CO,LTD
<u>Address</u>	<u>1st, 2nd, 3rd, A2, A3, Building</u> <u>A1, East Ring Industrial Zone,</u> <u>No. 293, Nanpu Road, Shangliao</u> <u>Community, Xinqiao Street,</u> <u>Bao'an District, Shenzhen,</u> <u>Guangdong 518125, China</u>

2. External view drawing;(UNIT:mm)

Picture of antenna

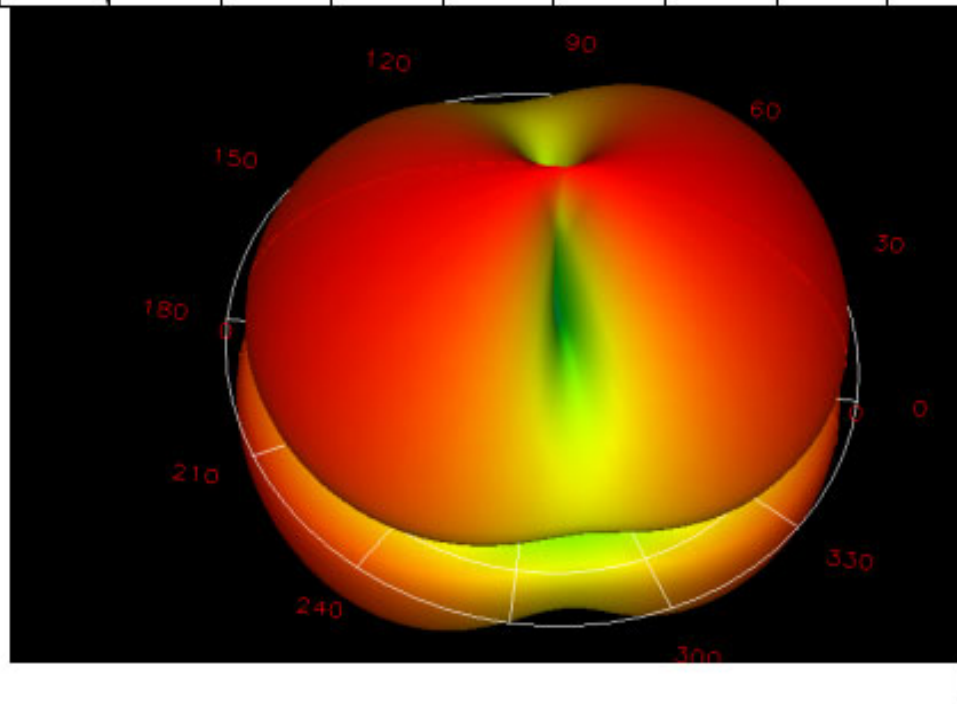


3. Antenna Radiation Pattern

Radiation pattern@2.402GHZ

Total Average Gain:-0.475dbi

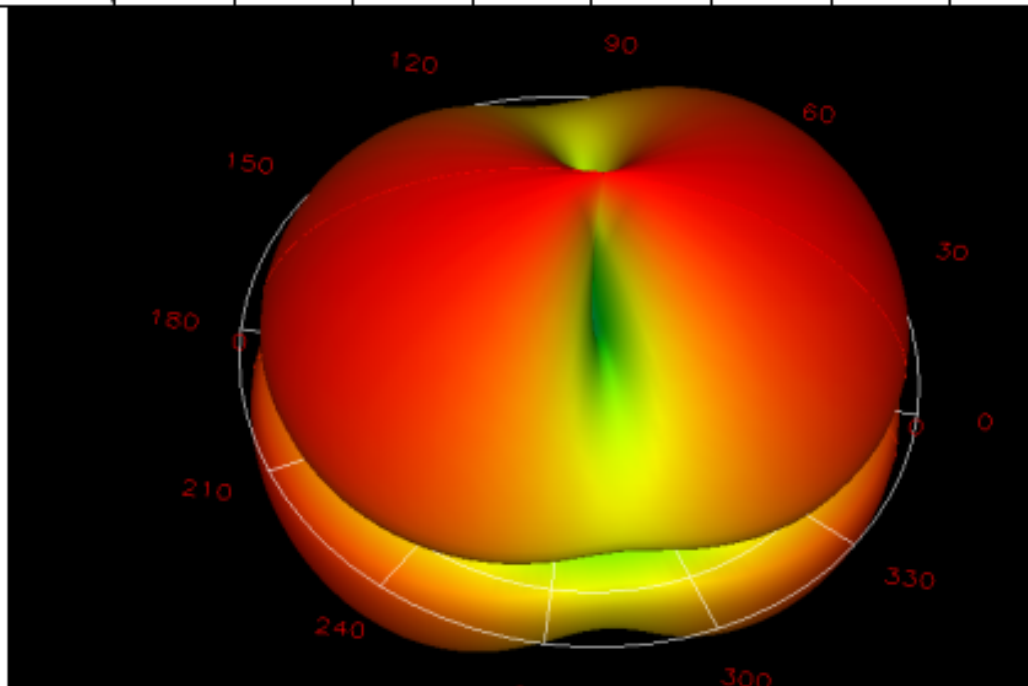
Phi	0	45	90	135	180	235	270	315
Gain	-0.1	-0.3	-0.8	-0.5	-0.2	-0.6	-0.8	-0.5



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@2.480GHZ

Total Average Gain:-0.237dbi

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

