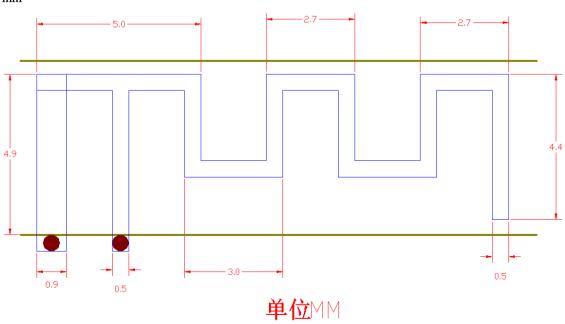
Antenna describe

1. Antenna describe:

Antenna plate	control antenna
Make name/model name	ANT-2. 4G
Antenna gain	OdBi
Frequency range	2. 4GHZ-2. 483GHZ
Connector type	On board
Manufacture	Hangzhou Graffiti Information Technology Co., Ltd.
Address	No. 17, Xinran Street, Sandun Town, Xihu District, Hangzhou City, Zhejiang Province, Building 2, Floor 3, Tianrun Science and Technology Park

2. External view drawing:

Unit: mm

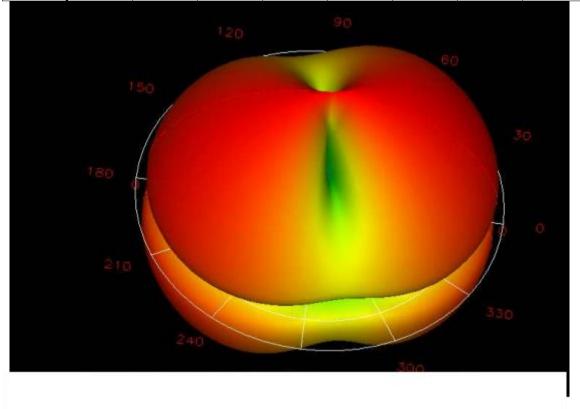


3. Antenna Radiation Pattern

Radiation pattern@2.402GHZ

Total Average Gain:-0.475dbi

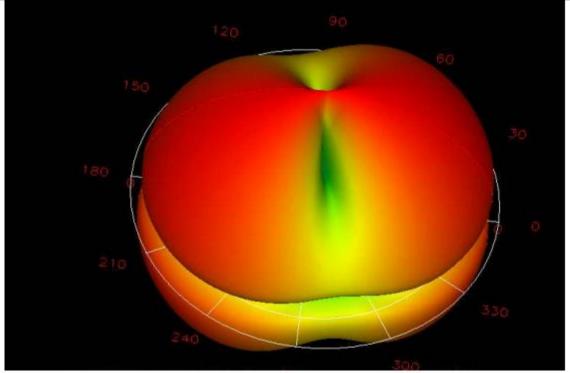
Phi	0	45	90	135	180	235	270	315
Gain	-0.1	-0.3	-0.8	-0.5	-0.2	-0.6	-0.8	-0.5



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
		0	-0.1	-0.2	-0.5	0	-0.3	-0.6	-0.2
G	ain								

