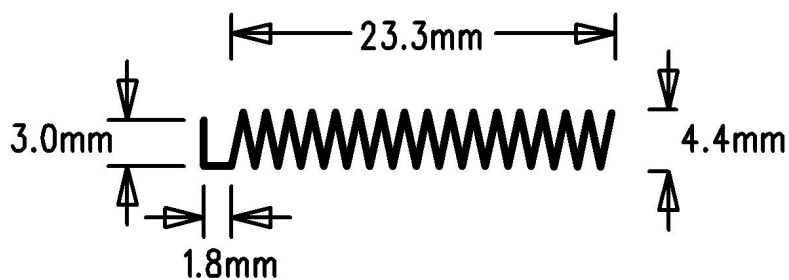


Antenna describe

I. Antenna describe :

Antenna type	Spring spiral antenna
Make name/model name	S813T-13T
Antenna peak gain	0dBi
Freauency range	900MHz-930MHz
Connector type	direct
Location of mearement (company name)	Shenzhen Mei Changxing hardware Co., LTD
Address	101 Bldg A2, Zhu'ao Second Industrial Zone Guxing Community, Xixiang, Bao'an,Shenzhen, China

2. External view drawing:

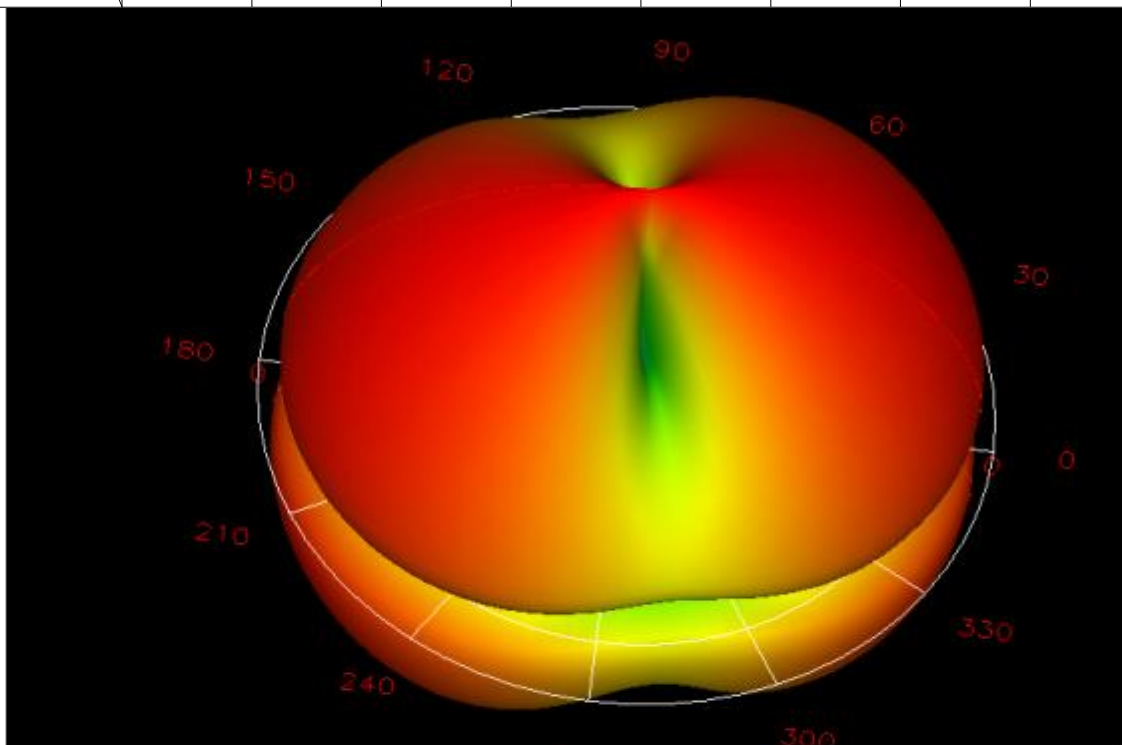


3.Antenna Radiation Pattern

Radiation pattern@900MHz

Total Average Gain:-0.475dbi

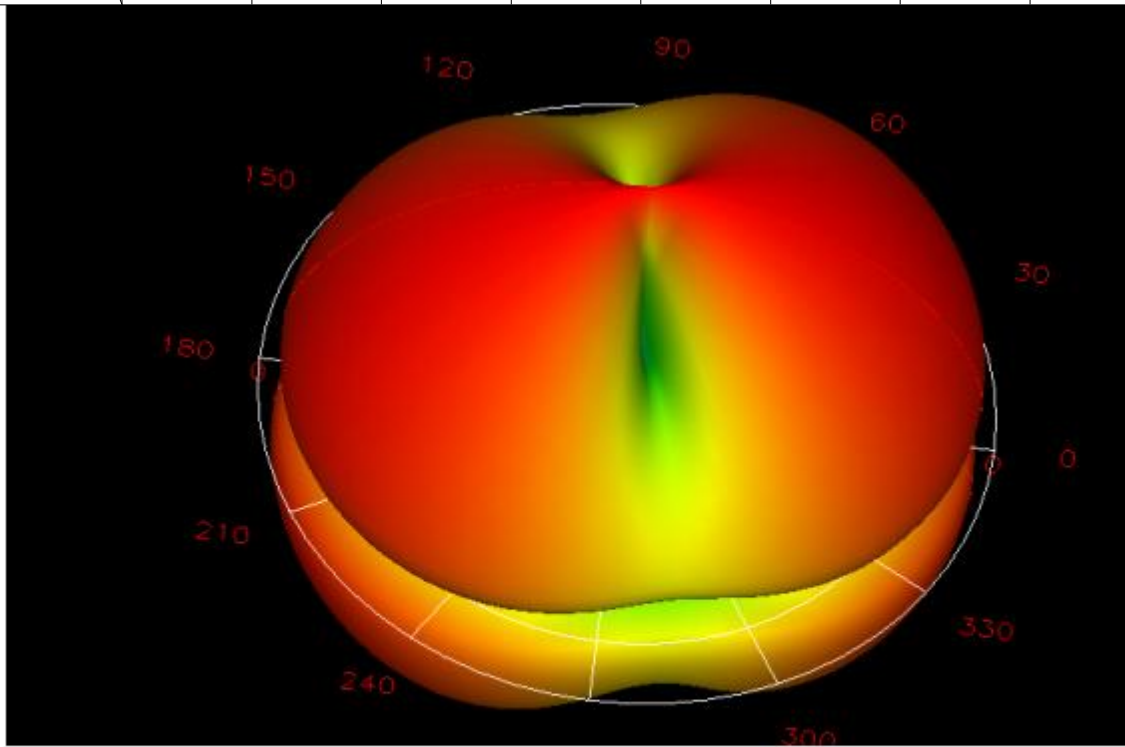
Phi	0	45	90	135	180	235	270	315
Gain	-0.1	-0.3	-0.8	-0.5	-0.2	-0.6	-0.8	-0.5



Radiation pattern@915MHz

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@930MHz

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

