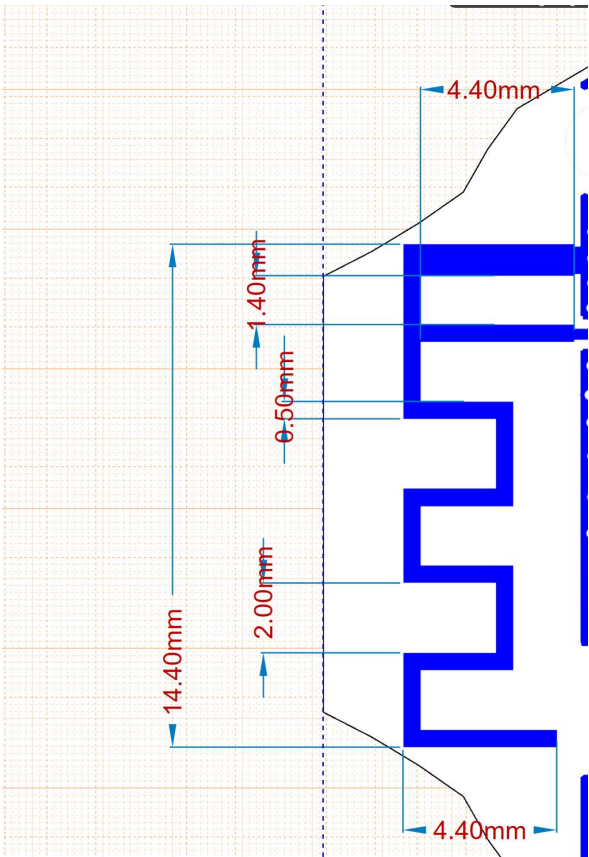


Antenna Data Sheet

1. Antenna Description

Antenna plate	Internal antenna
Market name/Model name	ING9187
Manufacture	Iton Technology Corp
Antenna Max. Gain	1dBi
Frequency Range	2400.0-2480.0MHz
Connect Type	Integer antenna
VSWR	1.1

2. Picture of antenna

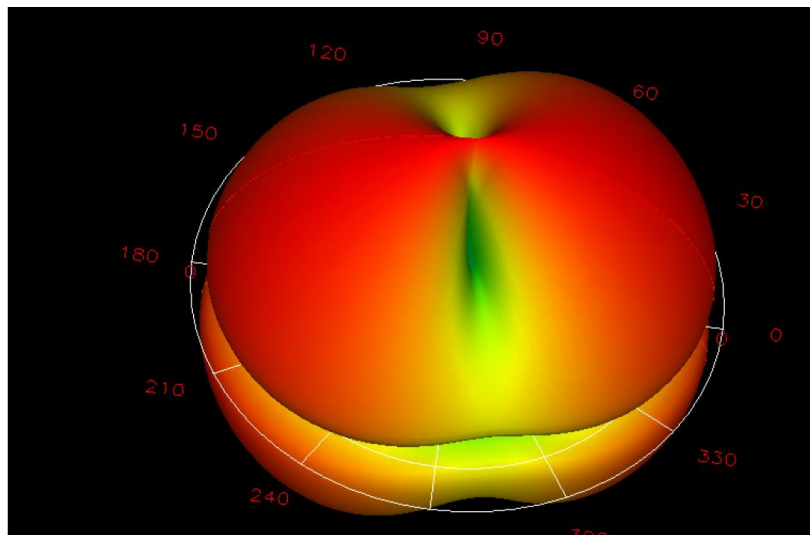


3. Antenna Radiation Pattern

Radiation pattern--2.402GHz

Total Average Gain: -0.12dBi

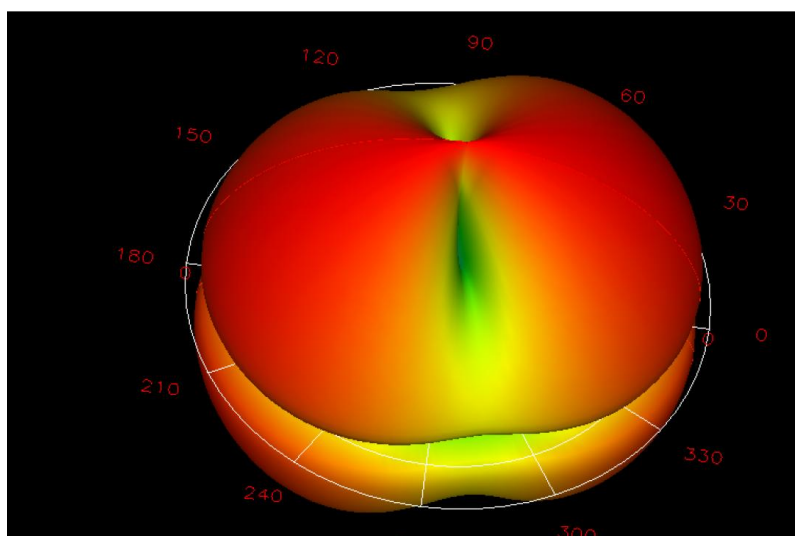
Phi	0	45	90	135	180	235	270	315
Gain	-0.12	0.30	-0.22	-0.11	-0.07	-0.24	-0.32	-0.21



Radiation pattern--2.441GHz

Total Average Gain: 0.03dBi

Phi	0	45	90	135	180	235	270	315
Gain	0.15	1	-0.36	0.13	0.08	-0.27	-0.32	-0.15



Radiation pattern--2.480GHz

Total Average Gain: -0.17dBi

Phi	0	45	90	135	180	235	270	315
Gain	-0.14	0.25	-0.10	-0.12	-0.09	-0.11	-0.30	-0.18

