

Antenna Specification

General Description

The antenna is specifically for bluetooth mouse application. Its operation is in 2.4GHz band.

The antenna type is meander stripe PCB antenna similar to those of the F-antenna.

Features

- * Operating frequencies: 2.4GHz ~ 2.4835GHz
- * Antenna average gain: -3dBi. @2.450GHz
- * Peak Antenna gain: 0dBi.
- * For Bluetooth Mice application

Antenna Electrical Characteristic:

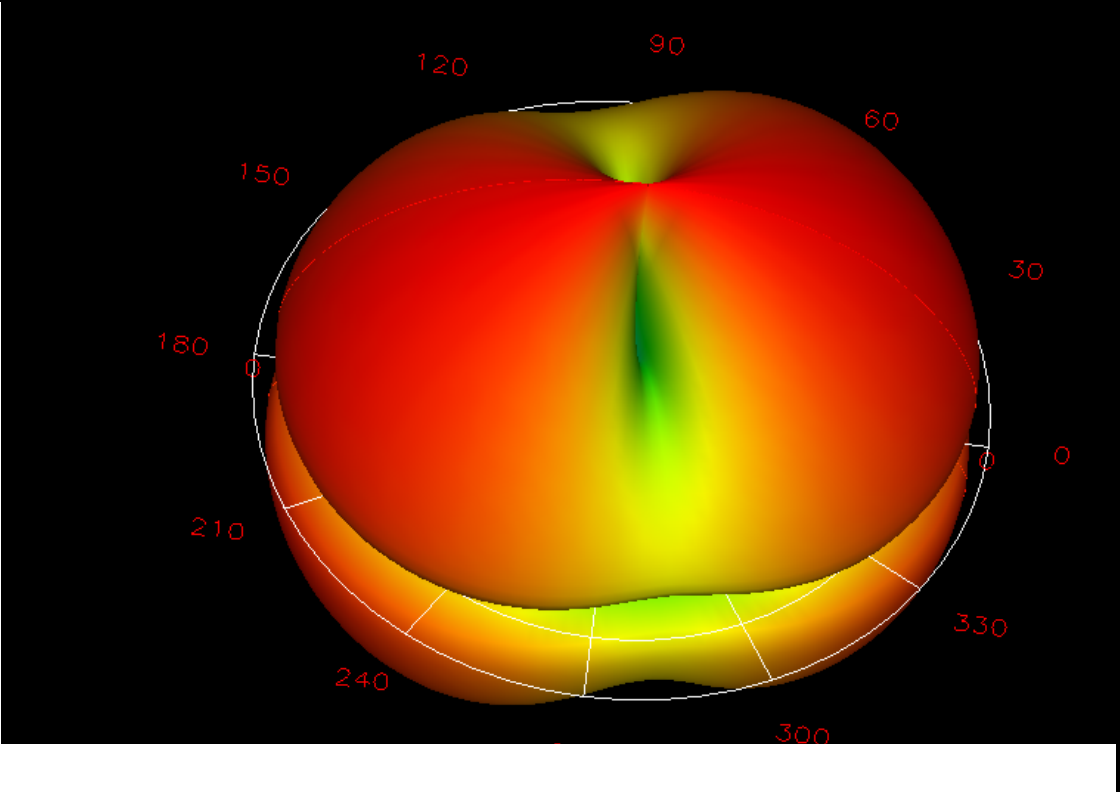
- * Input VSWR: 1.5:1
- * Max gain: 0dBi @2.450GHz
- * Polarization: Horizontal/Max
- * Operating frequencies: 2.4GHz ~ 2.4835GHz

3. Antenna Radiation Pattern

Radiation pattern@2.402GHZ

Total Average Gain:-0.475dbi

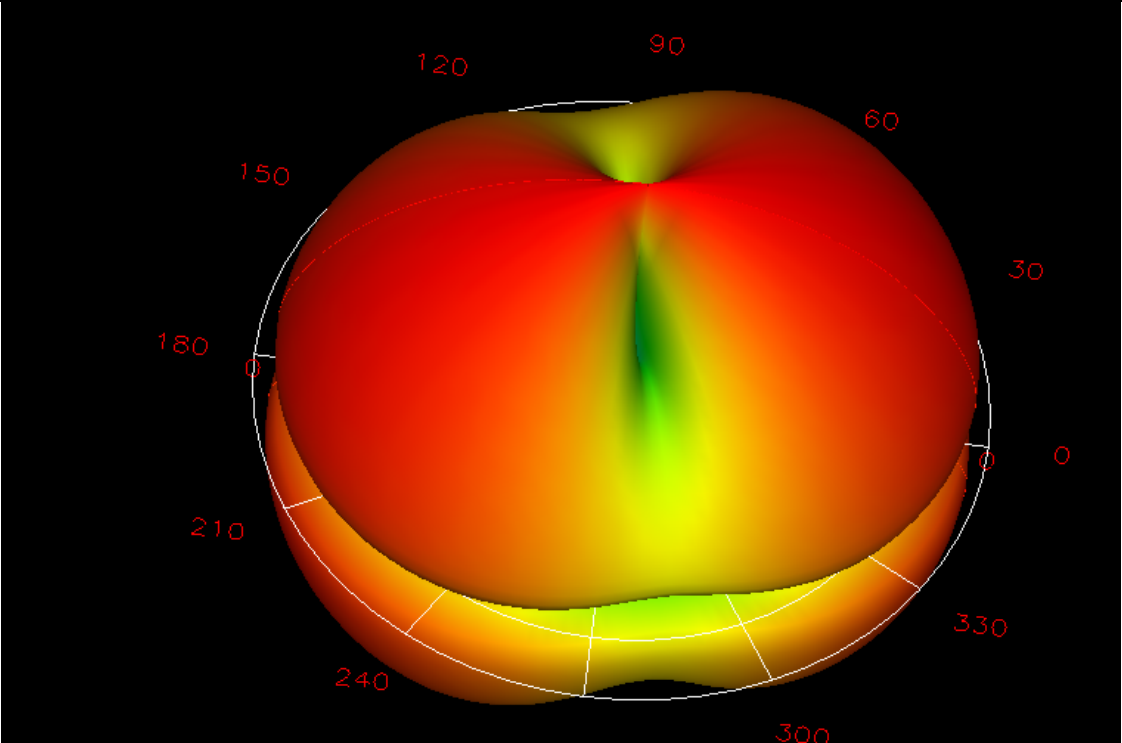
Phi	0	45	90	135	180	235	270	315
Gain	-0.1	-0.3	-0.8	-0.5	-0.2	-0.6	-0.8	-0.5



Radiation pattern@2.441GHZ

Total Average Gain:-0.275dbi

Phi \ Gain	0	45	90	135	180	235	270	315
	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

