

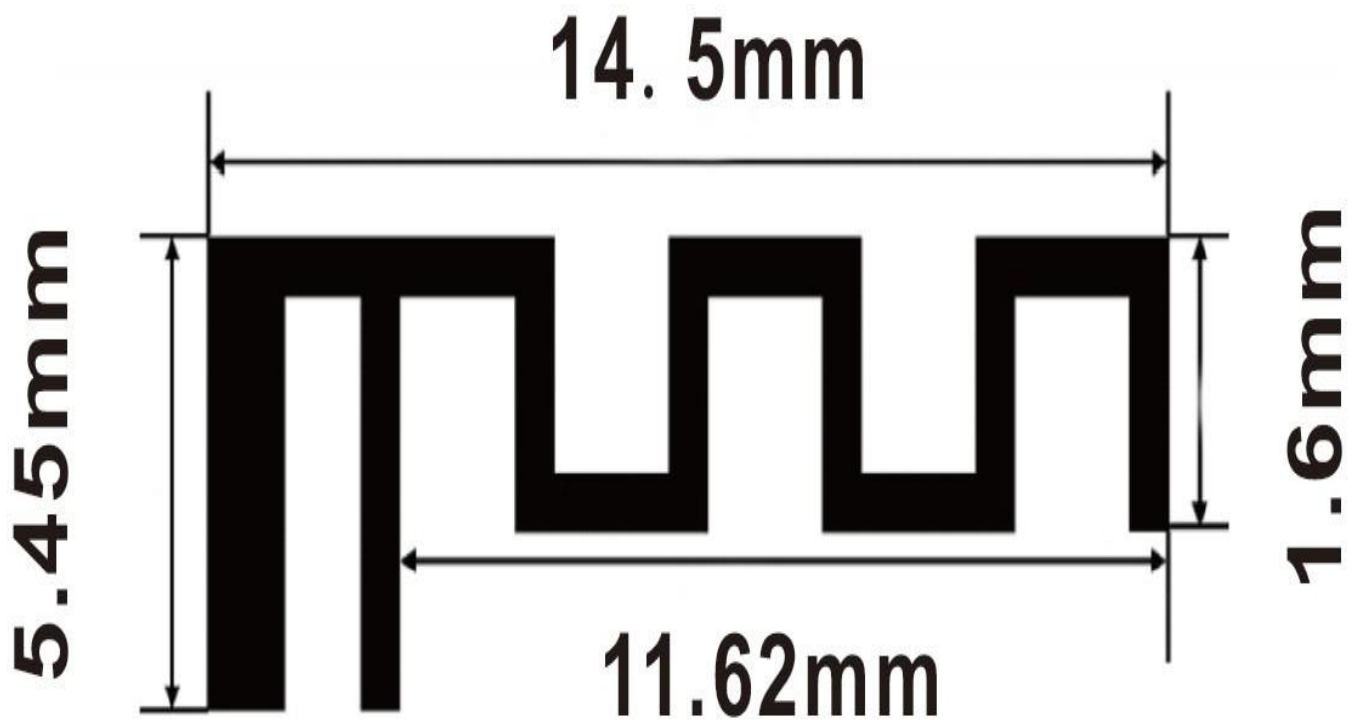
## Antenna describe

### 1. Antenna describe:

Antenna plate	PCB ANT
Make name/model name	AS03
Antenna gain	3.3dBi
Frequency range	2402-2480MHz
Antenna Type	PCB

### 2. External view drawing:

Picture of antenna

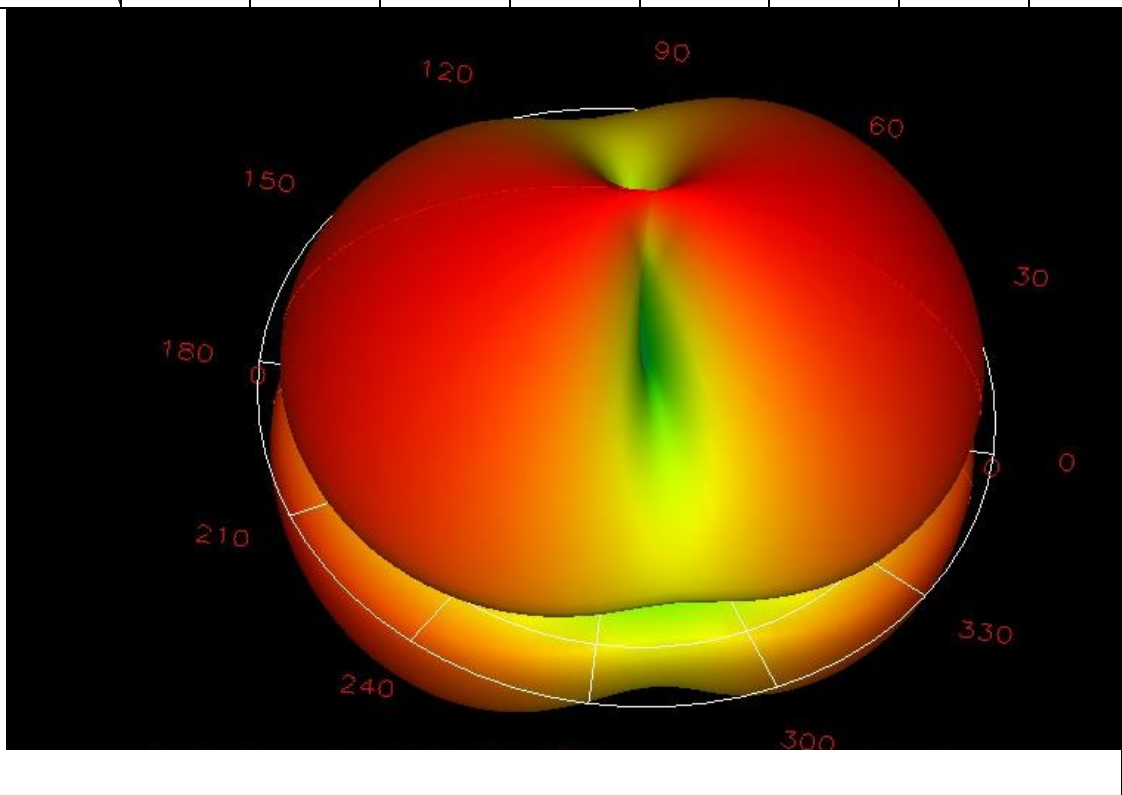


### 3. Antenna Radiation Pattern

Radiation pattern@2.402GHZ

Total Average Gain:3.1dbi

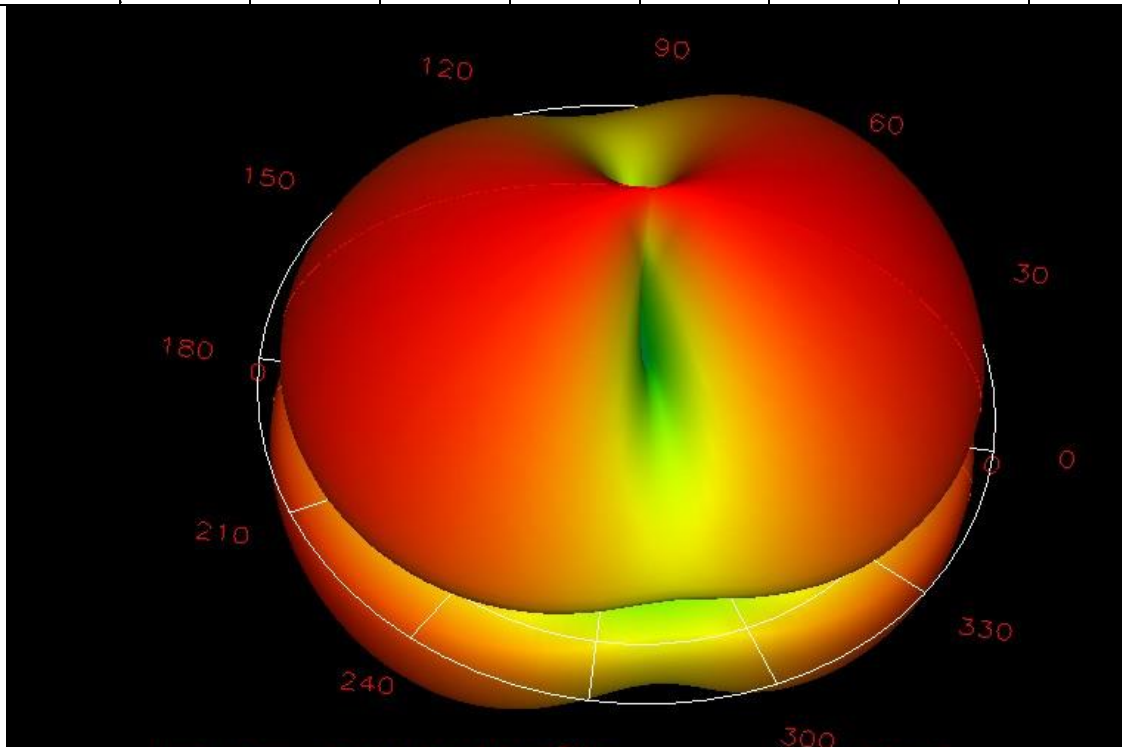
Phi	0	45	90	135	180	235	270	315
Gain	3.1	2.8	2.7	2.6	2.9	2.5	2.3	2.6



Radiation pattern@2.441GHZ

Total Average Gain:3.3dbi

Phi	0	45	90	135	180	235	270	315
Gain	3.3	3.2	3.0	2.7	3.2	3.1	2.7	2.9



Radiation pattern@2.480GHZ

Total Average Gain:3.2dbi

Phi	0	45	90	135	180	235	270	315
Gain	3.2	3.1	3.0	2.7	3.2	2.9	2.6	3.0

