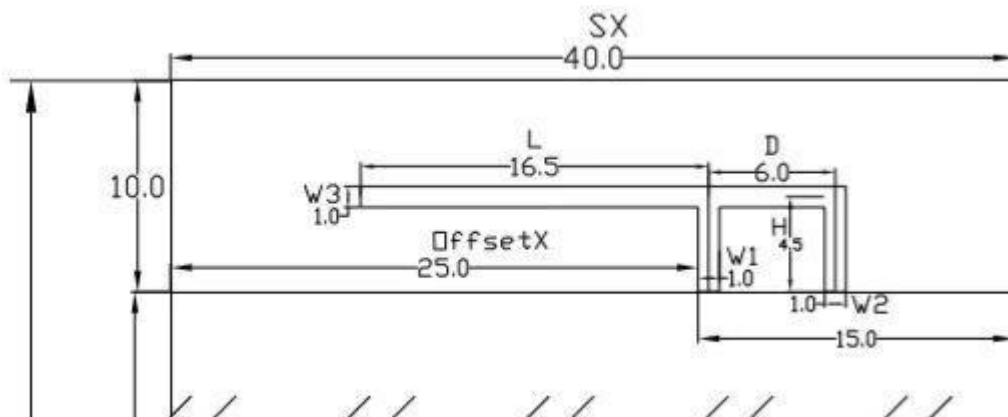


# Antenna Specification

|                       |                  |         |          |          |          |          |
|-----------------------|------------------|---------|----------|----------|----------|----------|
| Antenna Type/ Pattern | PCB ANT          |         |          |          |          |          |
| Center                | Horizontal       |         |          | Vertical |          |          |
| Frequency             | 2400MHz          | 2450MHz | 2500MHz  | 2400MHz  | 2450MHz  | 2500MHz  |
|                       | -0.86dBi         | 0.20dBi | -0.18dBi | -4.25dBi | -2.46dBi | -1.86dBi |
| MAX. Gain             | 0.2dBi           |         |          |          |          |          |
| Frequency Range       | 2400.0-2500.0MHz |         |          |          |          |          |

## 1. Antenna Photo & Measurement (mm)



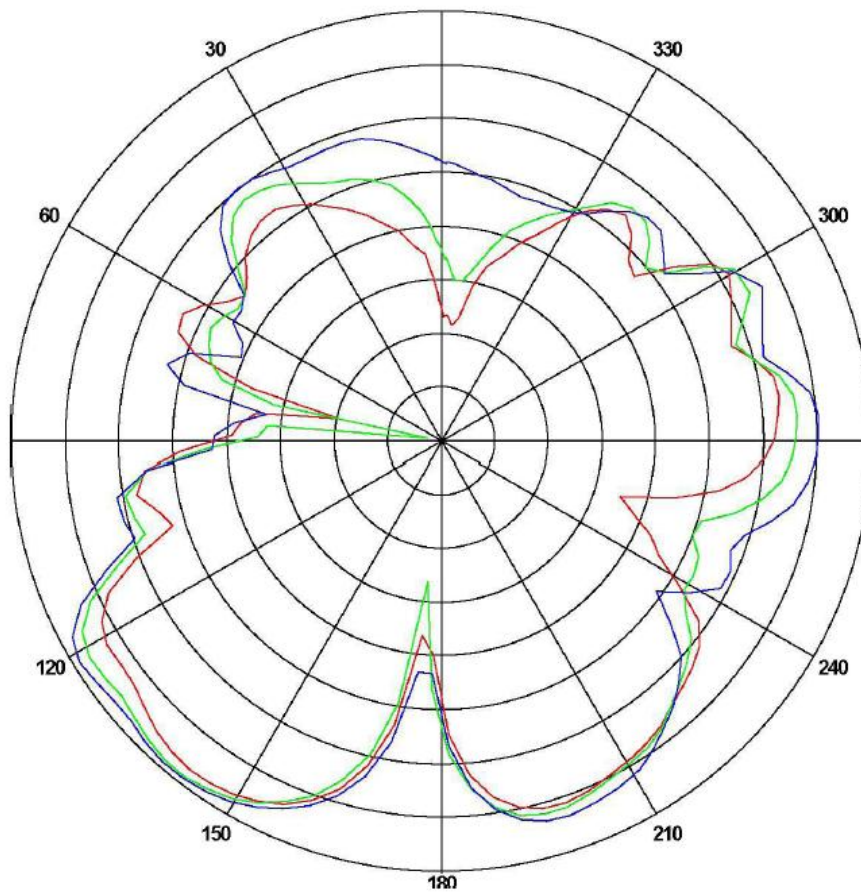
## 2. Antenna Radiation Pattern

Horizontal: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

Max: 0.2 Min: -40 Scale: 5/div

| Frequency<br>(MHz) | Gain(dBi) |          |
|--------------------|-----------|----------|
|                    | Max       | Min      |
| 2400               | -0.86174  | -30.0801 |
| 2450               | 0.200002  | -36.5604 |
| 2500               | -0.182582 | -22.0315 |



Vertical: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

Max: 0.2 Min: -30 Scale: 5/div

| Frequency (MHz) | Gain(dBi) |          |
|-----------------|-----------|----------|
|                 | Max       | Min      |
| 2400            | -4.2537   | -22.1424 |
| 2450            | -2.4652   | -24.5837 |
| 2500            | -1.86120  | -29.5214 |

