

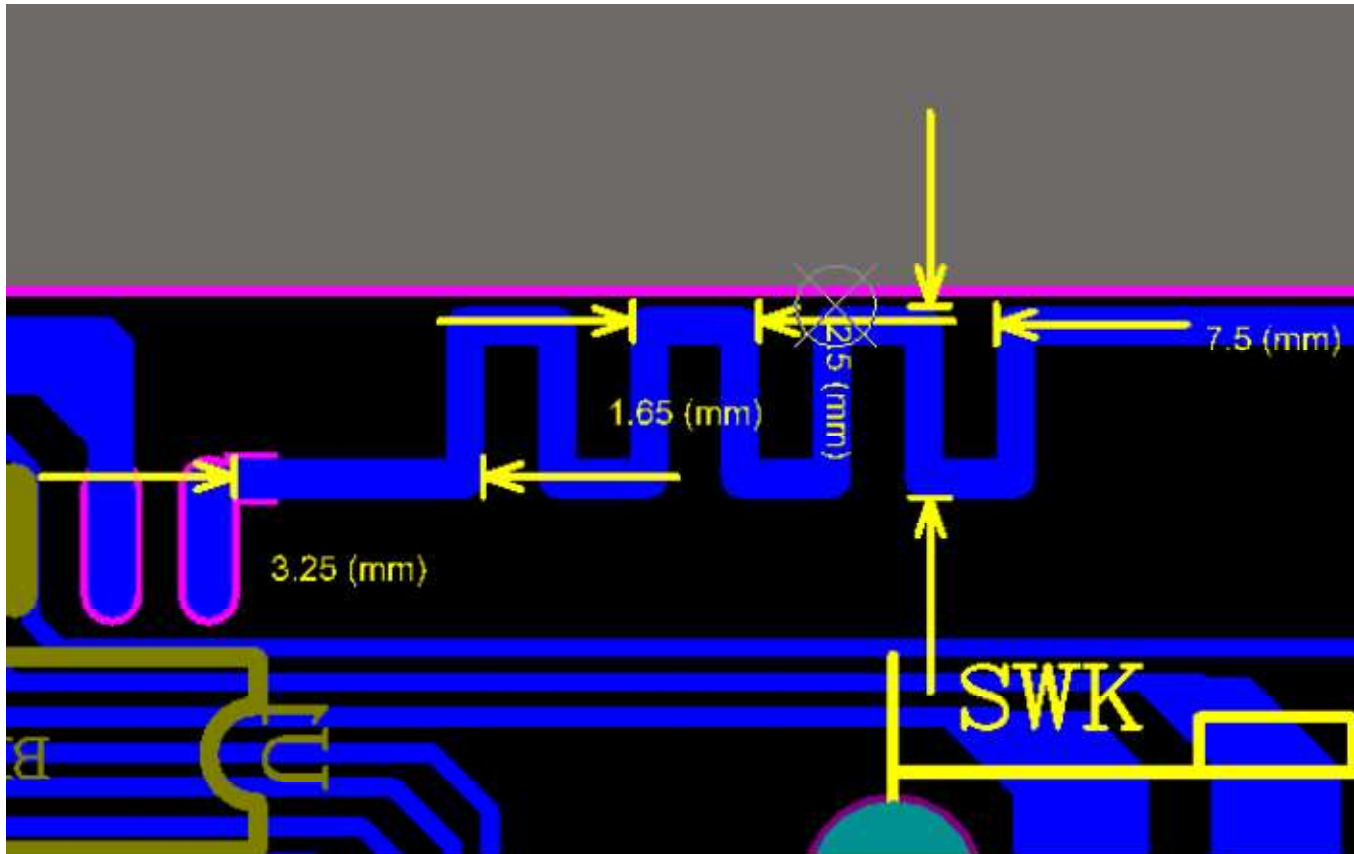
# Antenna Specification

## Specifications

### Summary

ITEM	SPEC.
Model Name	
Center Frequency	2400MHz -4.9dBi 2450MHz -4.4dBi 2480MHz -2.7dBi
MAX. GAIN	1.6 dBi
Polarization	Horizontal
Azimuth Beam Pattern	Omni-directional
Impedance	50 $\Omega$

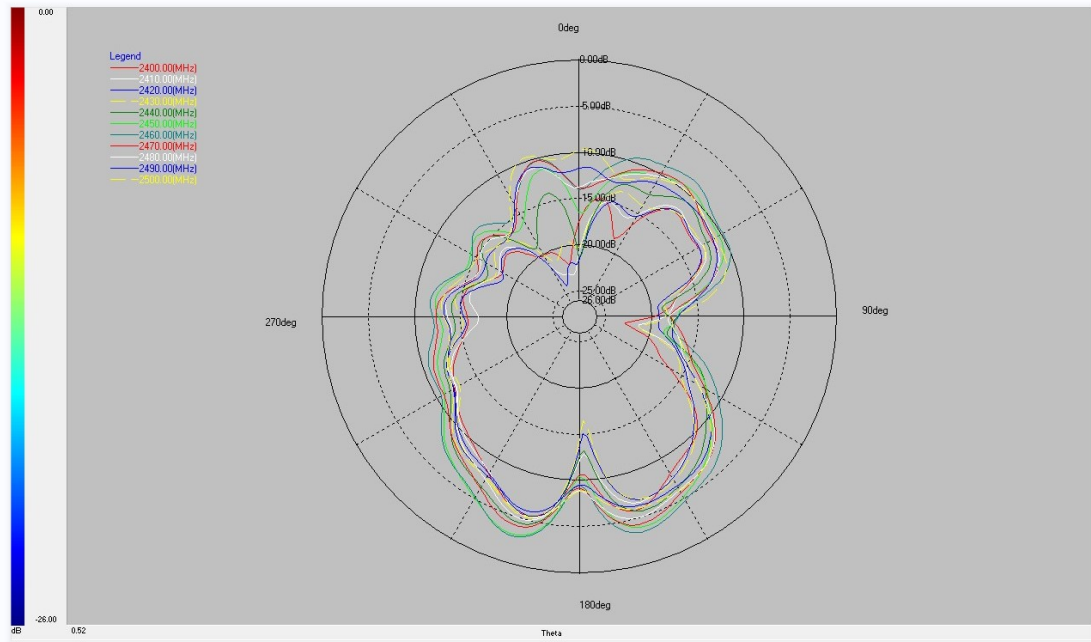
AntennaPhoto&Length (mm)



1. Main antenna : 2405MHz

1.1

Horizontal



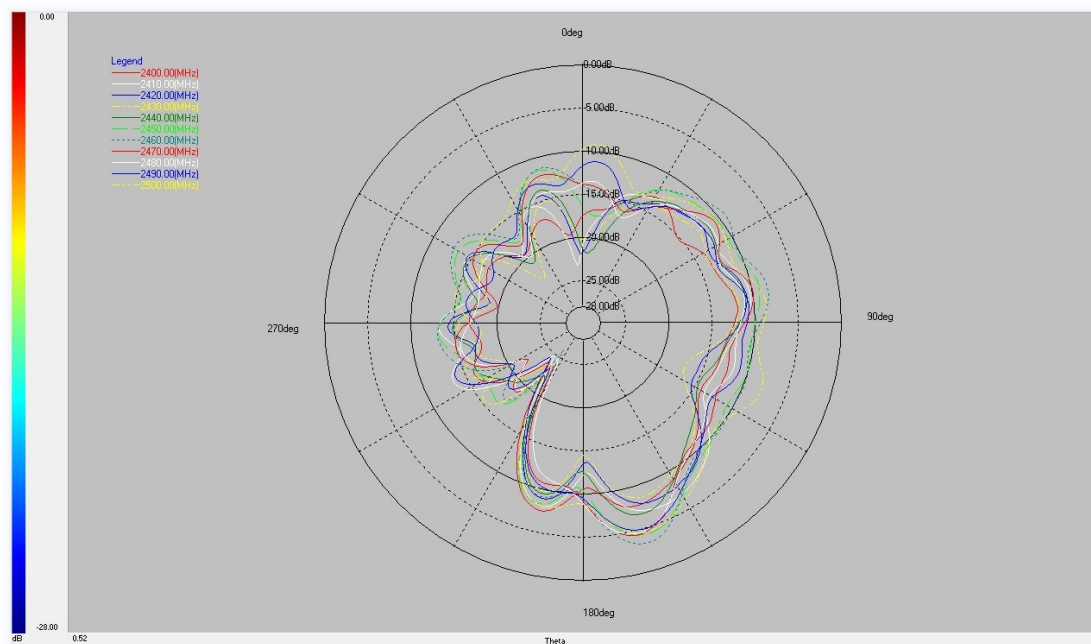
Frequency (MHZ) : 2405      Antenna Polarity: Horizontal

Maximum Value (dBi) : 1.6

Average Gain (dBi) : -1.4

Minimum Gain (dBi) : -61.26

## 1.2 Vertical



Frequency (MHZ) : 2405 Antenna Polarity: Vertical

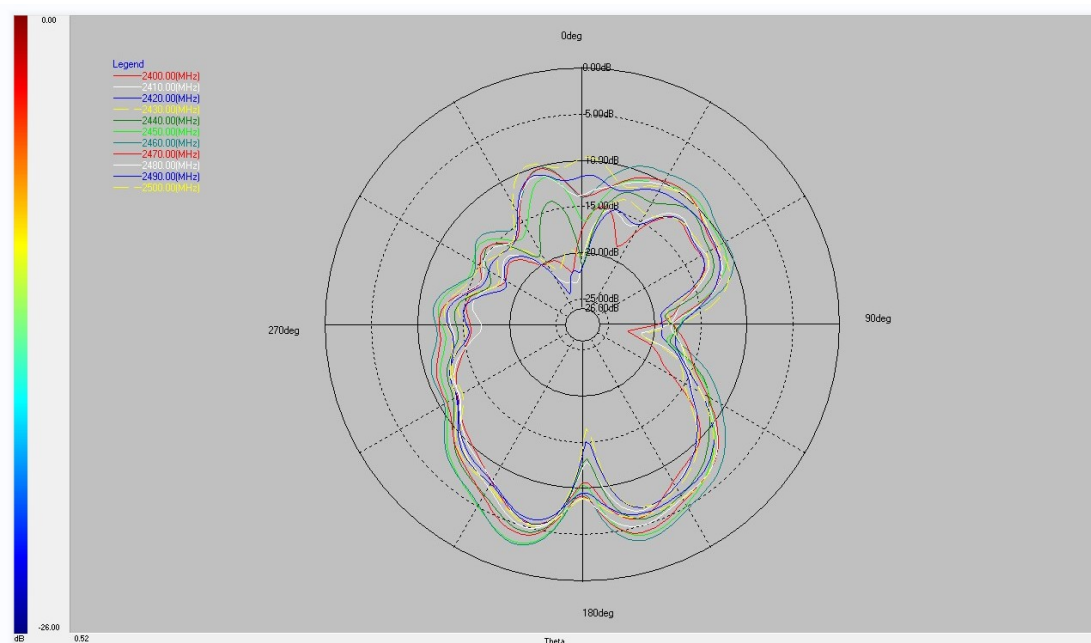
Maximum Value (dBi) : -2.85

Average Gain (dBi) : -12

Minimum Gain (dBi) : -64

## 2. Main antenna : 2450 MHz

### 2.1 Horizontal



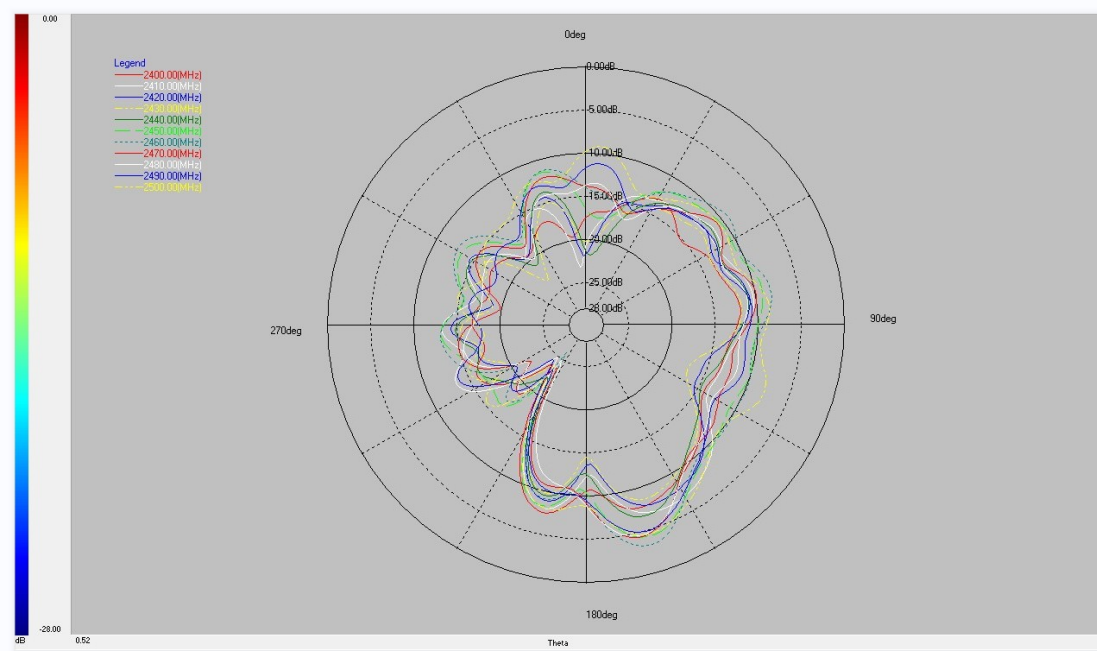
Frequency (MHZ) : 2450 Antenna Polarity: Horizontal

Maximum Value (dBi) : -2.6

Average Gain (dBi) : -5.4

Minimum Gain (dBi) : -60

## 2.2 Vertical



Frequency (MHZ) : 2450 Antenna Polarity: Vertical

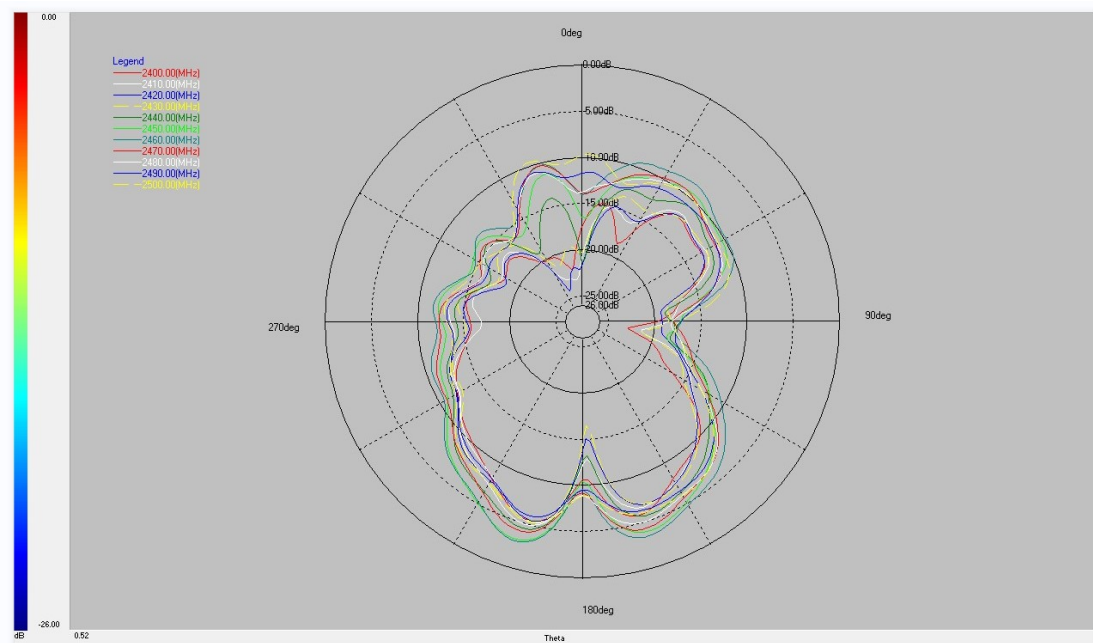
Maximum Value (dBi) : -2.6

Average Gain (dBi) : -10.1

Minimum Gain (dBi) : -54

### 3. Main antenna : 2480MHz

#### 2.1 Horizontal



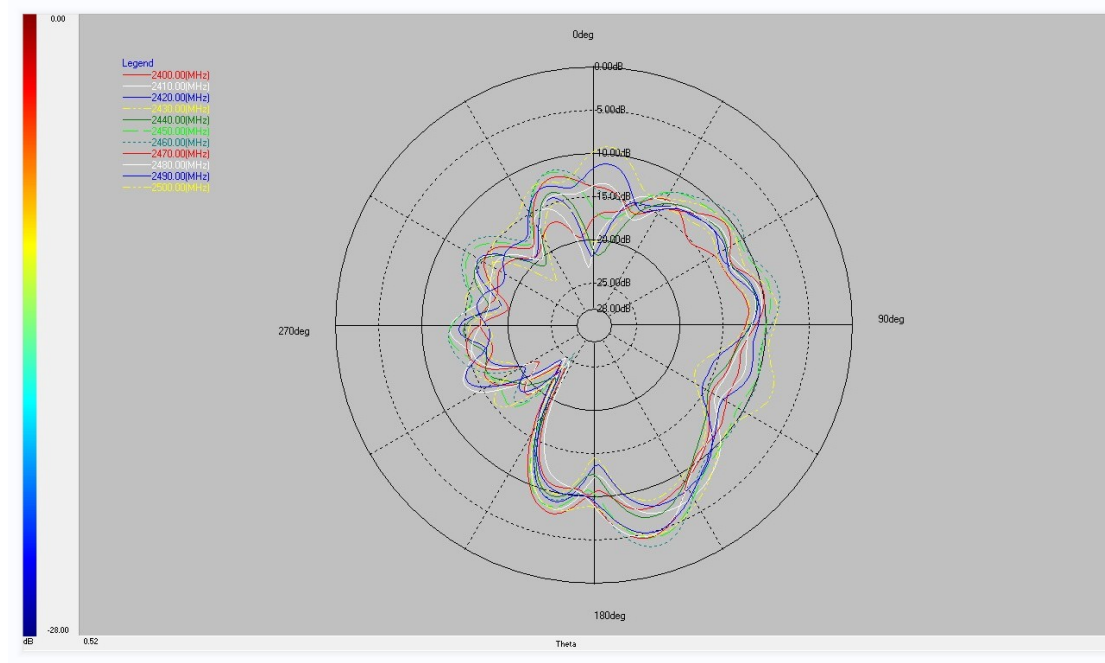
Frequency (MHZ) : 2480 Antenna Polarity: Horizontal

Maximum Value (dBi) : -3

Average Gain (dBi) : -4.6

Minimum Gain (dBi) : -52

## 2.2 Vertical



Frequency (MHZ) : 2480 Antenna Polarity: Vertical

Maximum Value (dBi) : -3

Average Gain (dBi) : -11

Minimum Gain (dBi) : -50