

# Antenna Specification

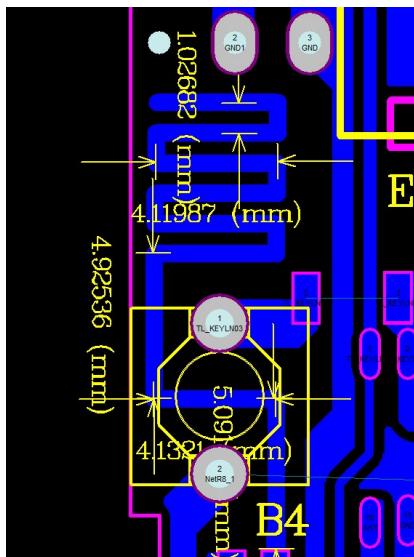
Shenzhen Huaxing Shuangchen Technology Co., Ltd

## Specifications

### Summary

ITEM	SPEC.
Model Name	PCB Antenna
Center Frequency	2405MHz 1.6dBi 2451MHz 1.48dBi 2475MHz 1.35dBi
MAX. GAIN	1.6 dBi
Polarization	Horizontal
Azimuth Beam Pattern	Omni-directional
Impedance	50 $\Omega$

### AntennaPhoto&Length (mm)

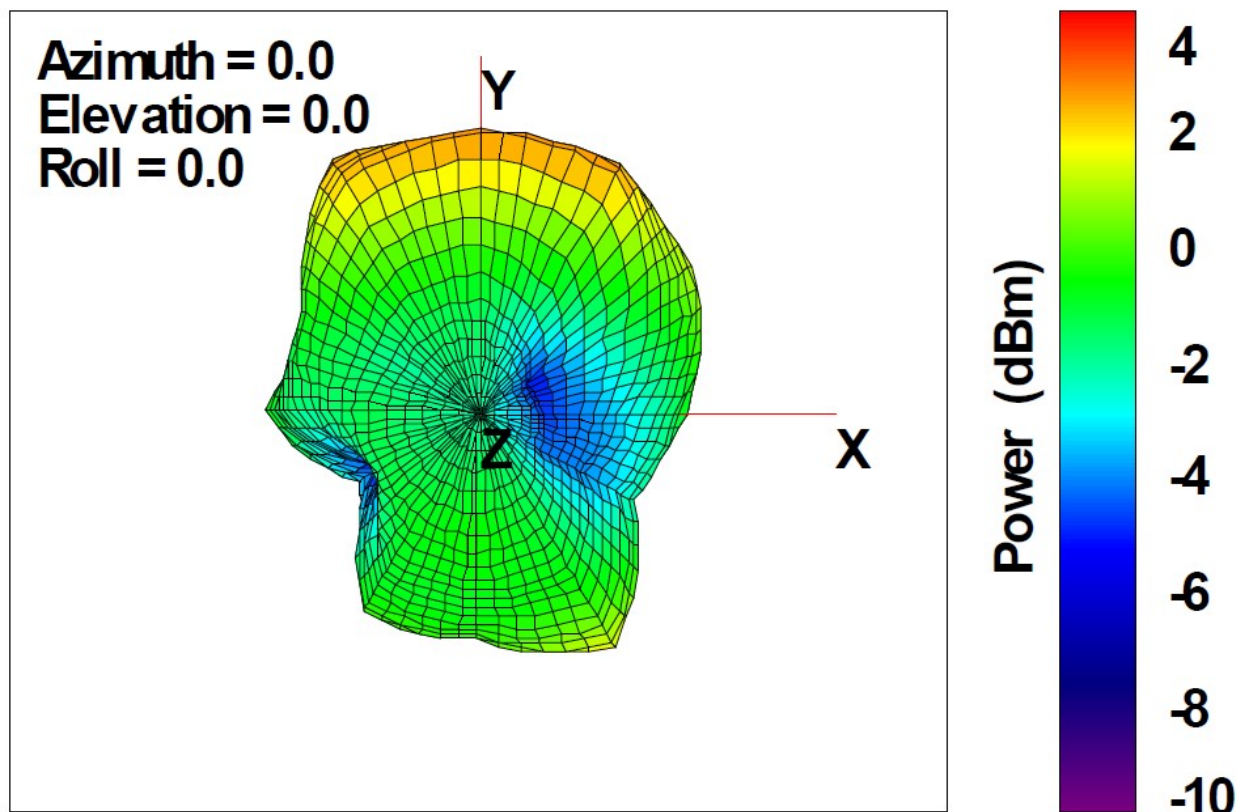


1. Main antenna : 2402MHz

1.1

horizontal

## Total EIRP, Top View



Frequency (MHZ) : 2402      Antenna Polarity: Horizontal

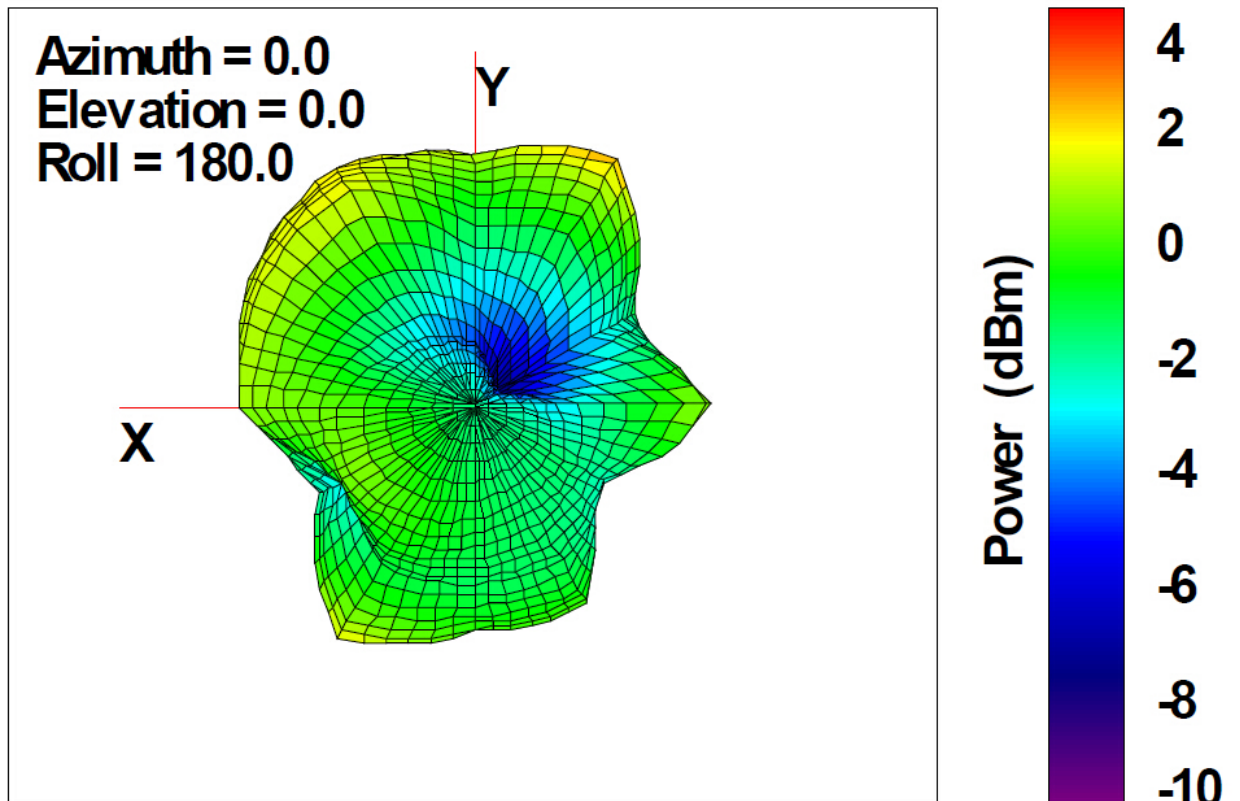
Maximum Value (dBi) : 1.6

Average Gain (dBi) : -1.4

Minimum Gain (dBi) : -61.26

### 1.2 Vertical

## Total EIRP, Bottom View



Frequency (MHZ) : 2402 Antenna Polarity: Vertical

Maximum Value (dBi) : -2.85

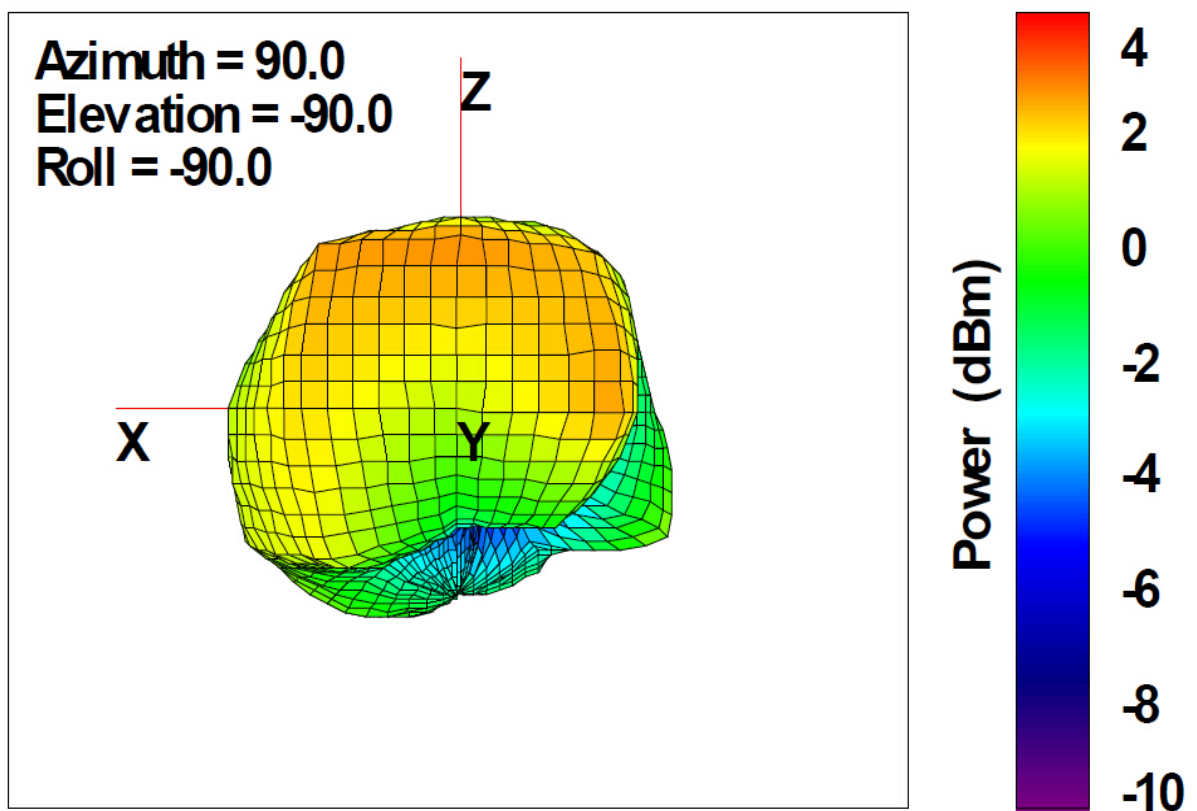
Average Gain (dBi) : -12

Minimum Gain (dBi) : -64

2. Main antenna : 2437 MHz

2.1 Horizontal

## Total EIRP, Right Side View



Frequency(MHZ) : 2437 Antenna Polarity: Horizontal

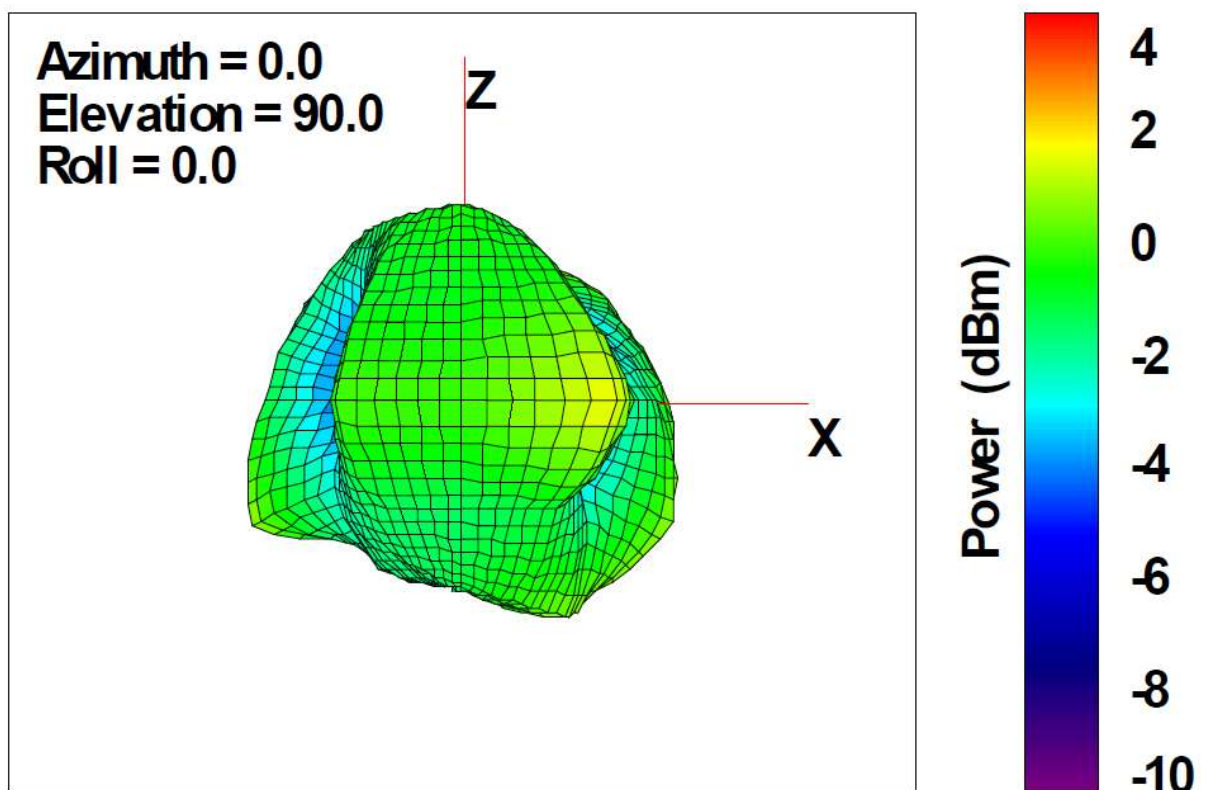
Maximum Value (dBi) : 1.34

Average Gain (dBi) : -1.2

Minimum Gain (dBi) : -60

## 2.2 Vertical

### Total EIRP, Left Side View



Frequency (MHZ) : 2437 Antenna Polarity: Vertical

Maximum Value (dBi) : -3.0

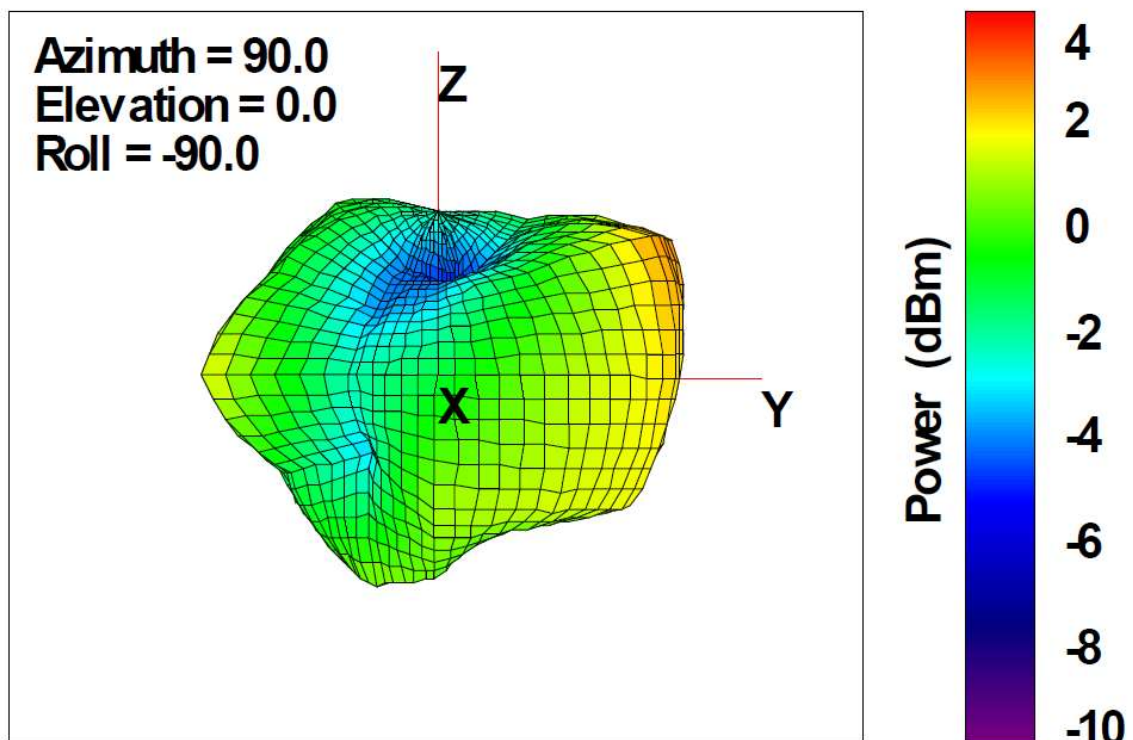
Average Gain (dBi) : -12

Minimum Gain (dBi) : -54

3. Main antenna : 2479MHz

2.1 Horizontal

## Total EIRP, Front View



Frequency(MHZ) : 2479 Antenna Polarity: Horizontal

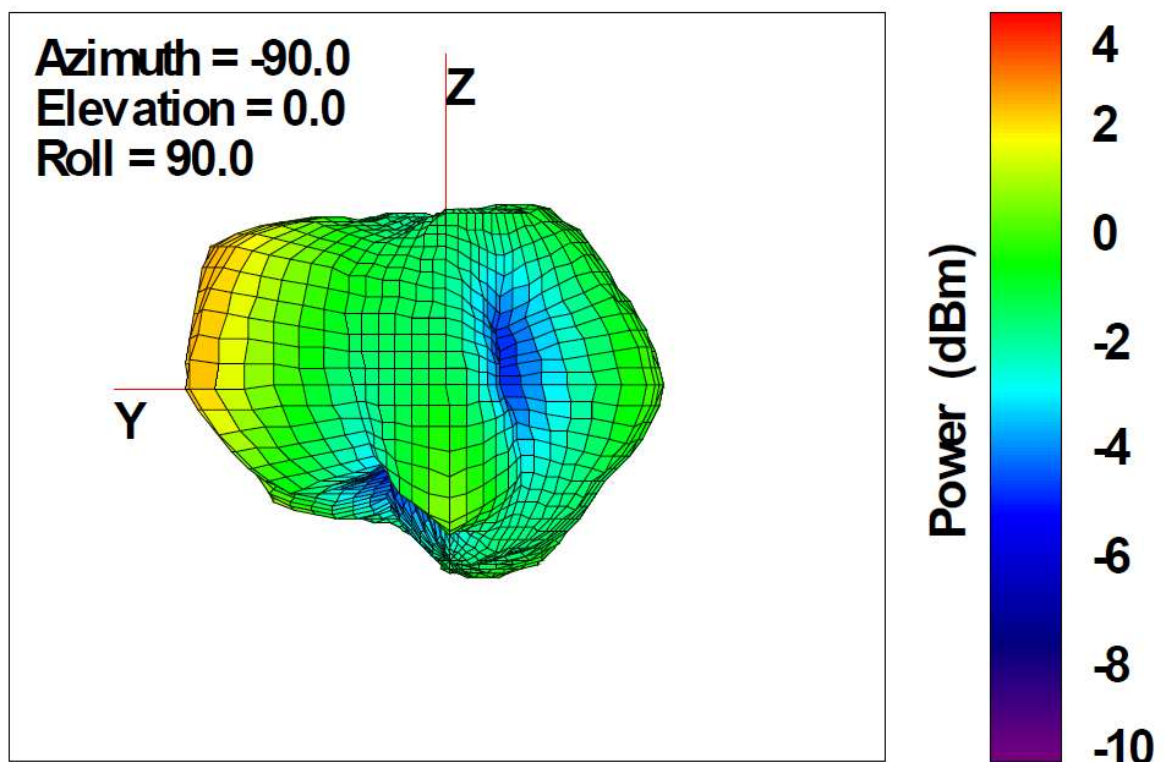
Maximum Value (dBi) : 1.4

Average Gain (dBi) : -2.5

Minimum Gain (dBi) : -52

## 2.2 Vertical

### Total EIRP, Back View



Frequency (MHZ) : 2479 Antenna Polarity: Vertical

Maximum Value (dBi) : -4.5

Average Gain (dBi) : -11

Minimum Gain (dBi) : -50

