

Antenna Specification

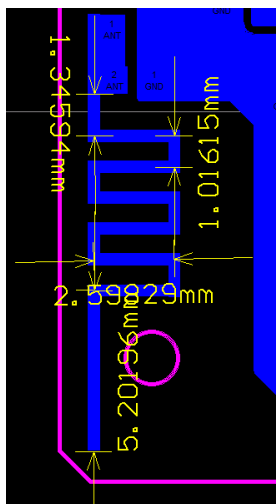
Shenzhen Huaxing Shuangchen Technology Co., Ltd

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 Ω

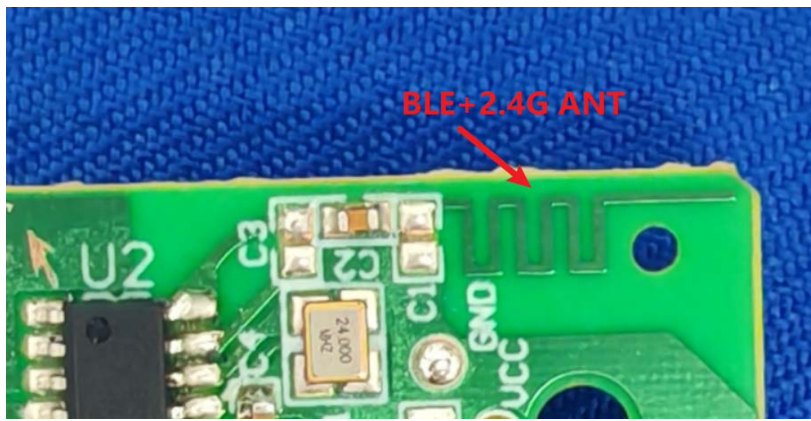
AntennaPhoto&Length (mm)



Manufacturer: Telink Microelectronics Co., LTD

Adress: Elevator Floor 10, 11, No. 1, Lane 61, Shengxia Road, China (Shanghai)

Pilot Free Trade Zone (Actual floor 9, 10)

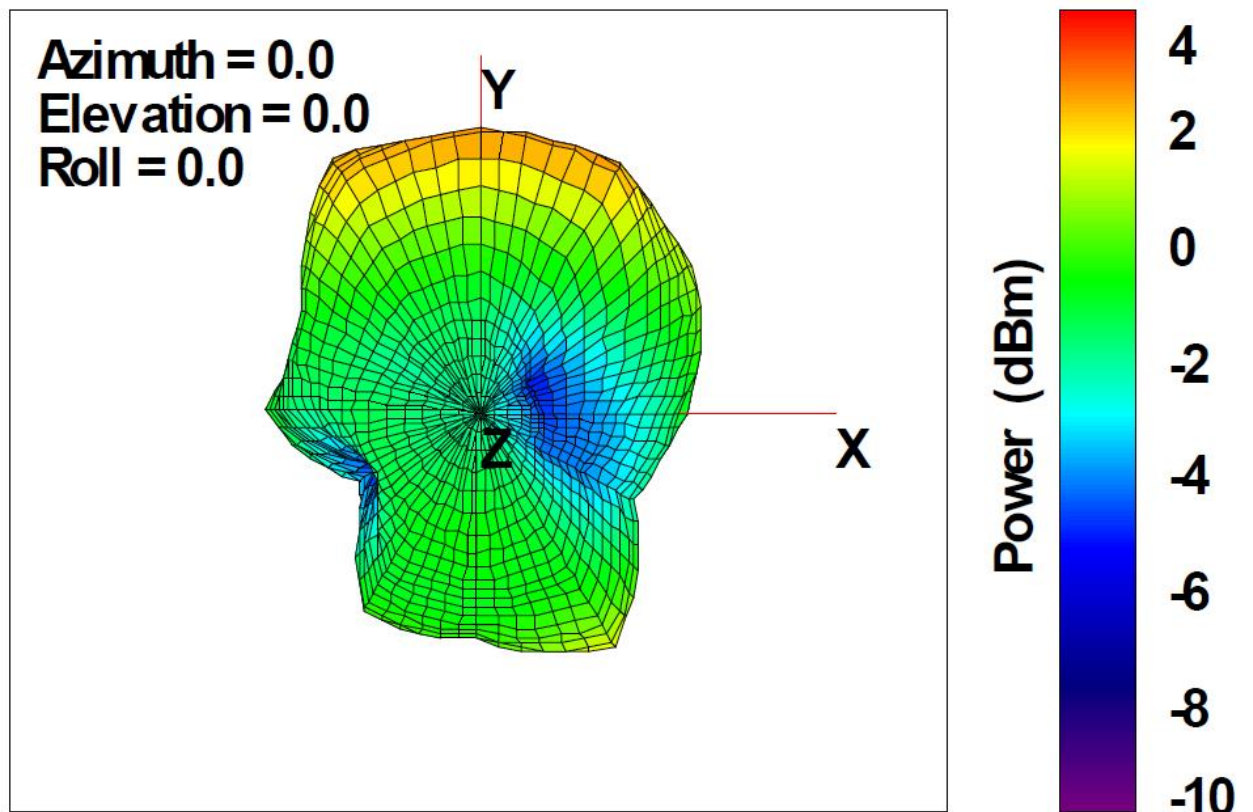


1. Main antenna : 2402MHz

1.1

Horizontal

Total EIRP, Top View



Frequency (MHZ) : 2402 Antenna Polarity: Horizontal

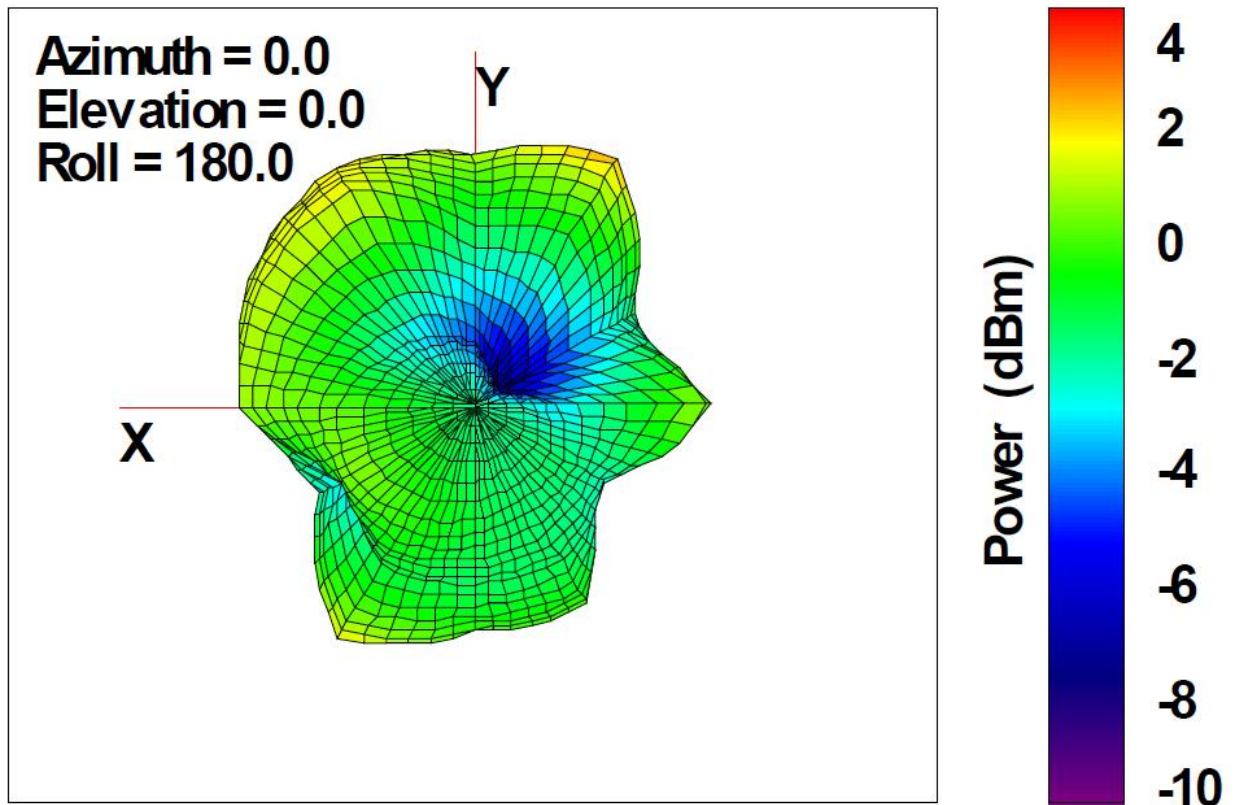
Maximum Value (dBi) : 1.6

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

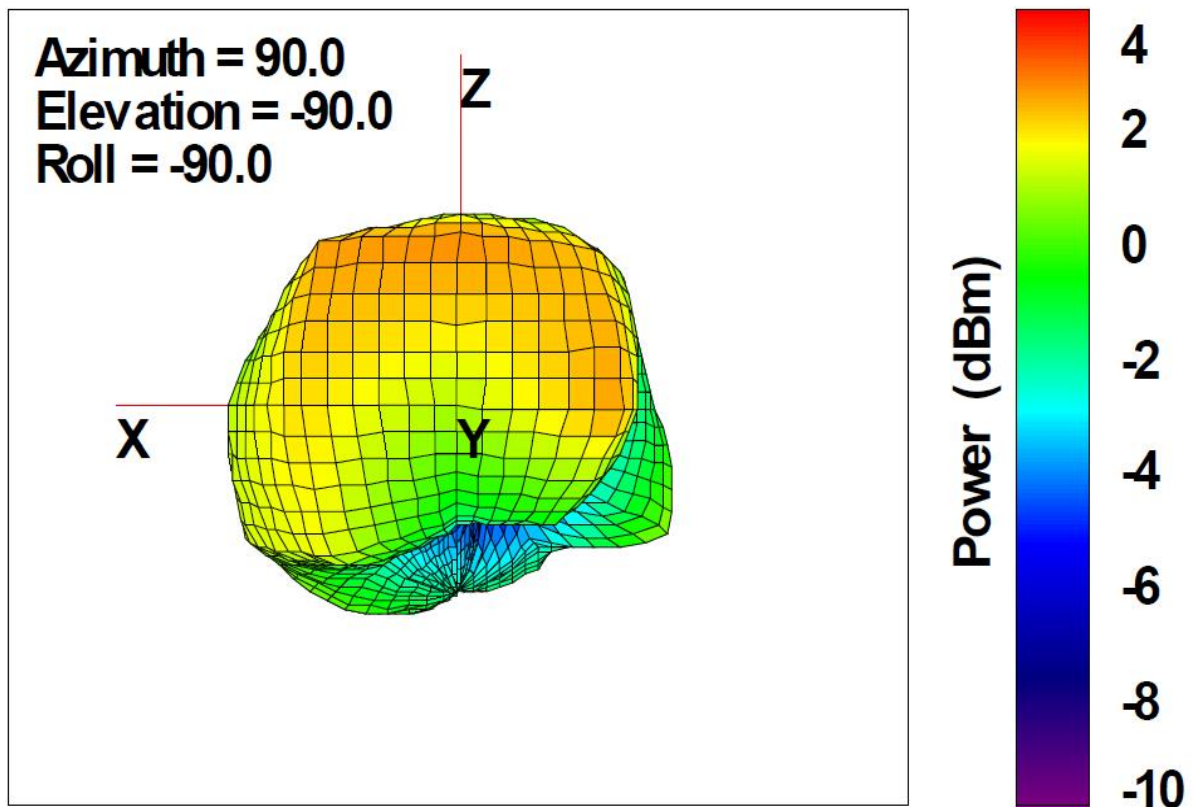
Average Gain(dBi) : -12

Minimum Gain(dBi) : -64

2. Main antenna : 2437 MHz

2.1 Horizontal

Total EIRP, Right Side View



Frequency(MHZ) : 2437 Antenna Polarity: Horizontal

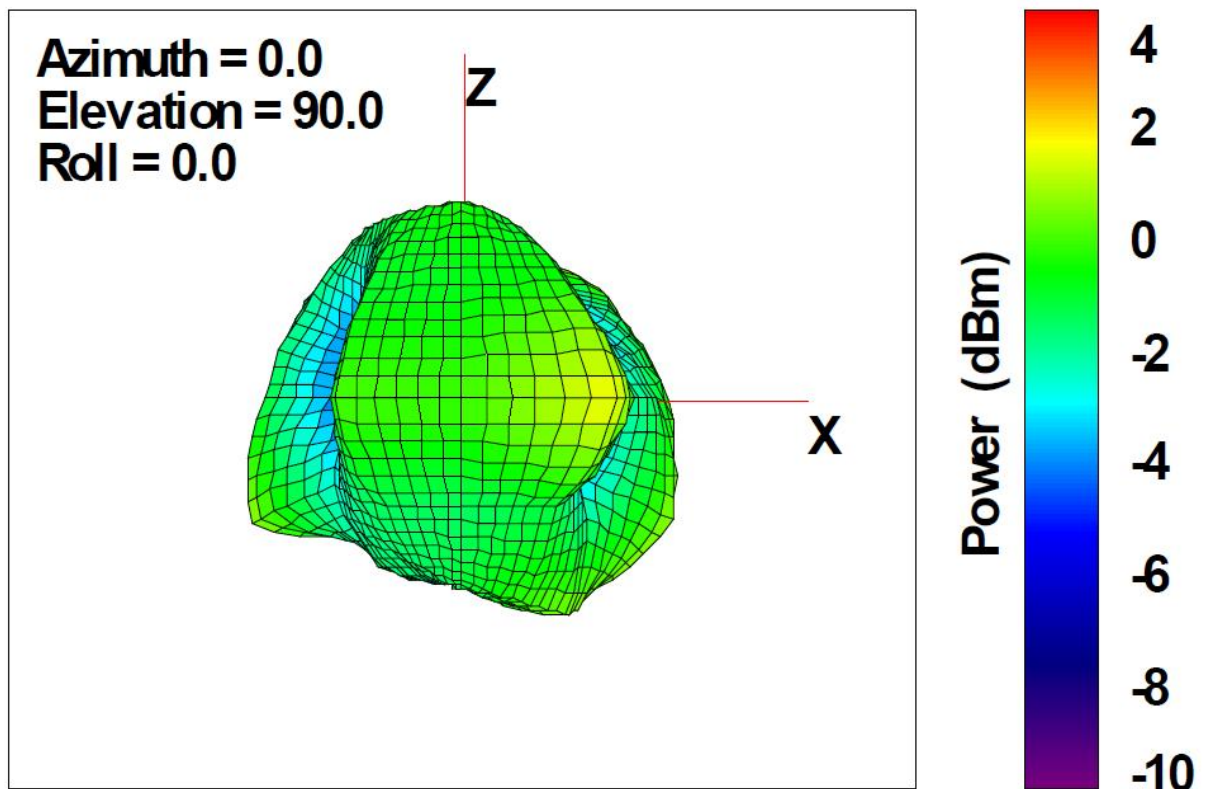
Maximum Value(dBi) : 1.34

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

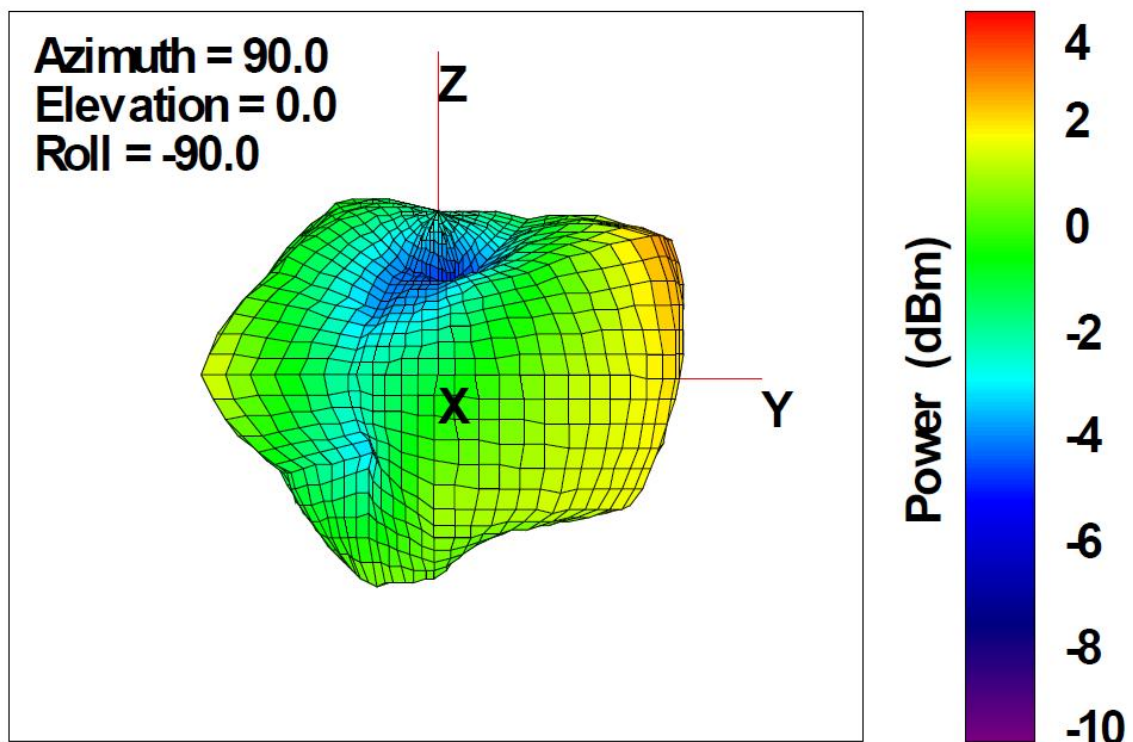
Average Gain(dBi) : -12

Minimum Gain(dBi) : -54

3. Main antenna : 2479MHz

2.1 Horizontal

Total EIRP, Front View



Frequency(MHZ) : 2479 Antenna Polarity: Horizontal

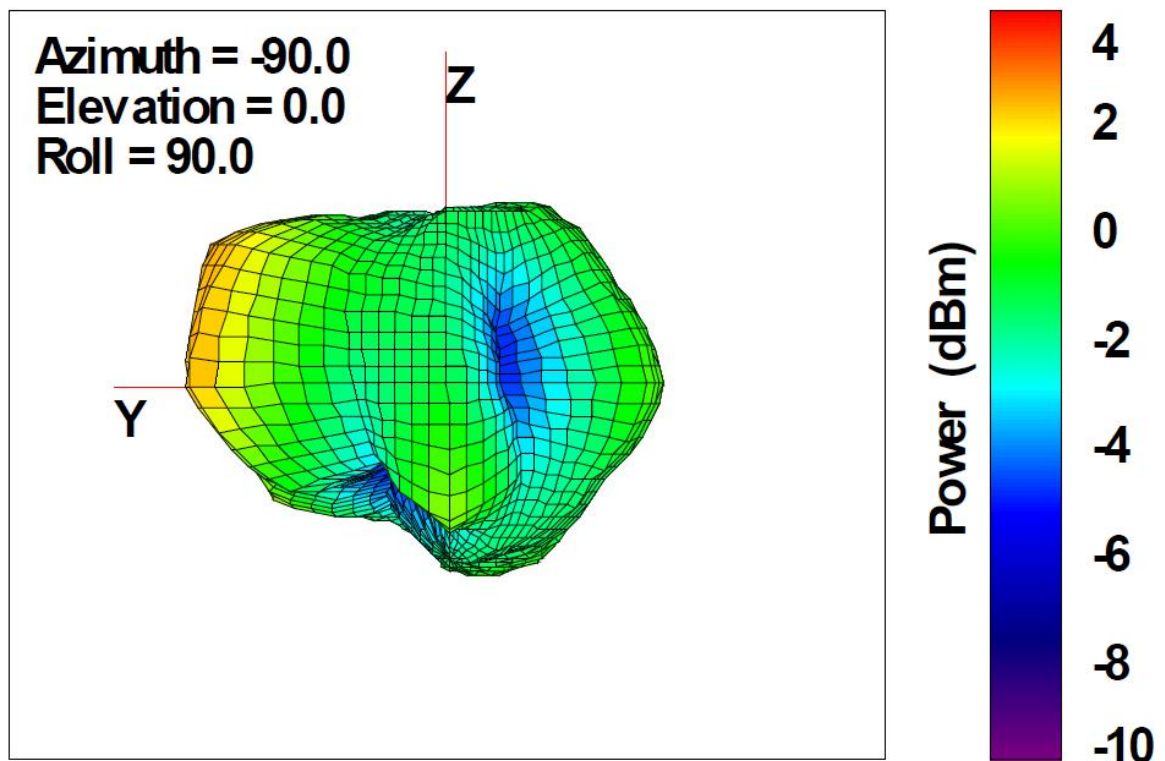
Maximum Value(dBi) : 1.4

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