

Antenna Specification

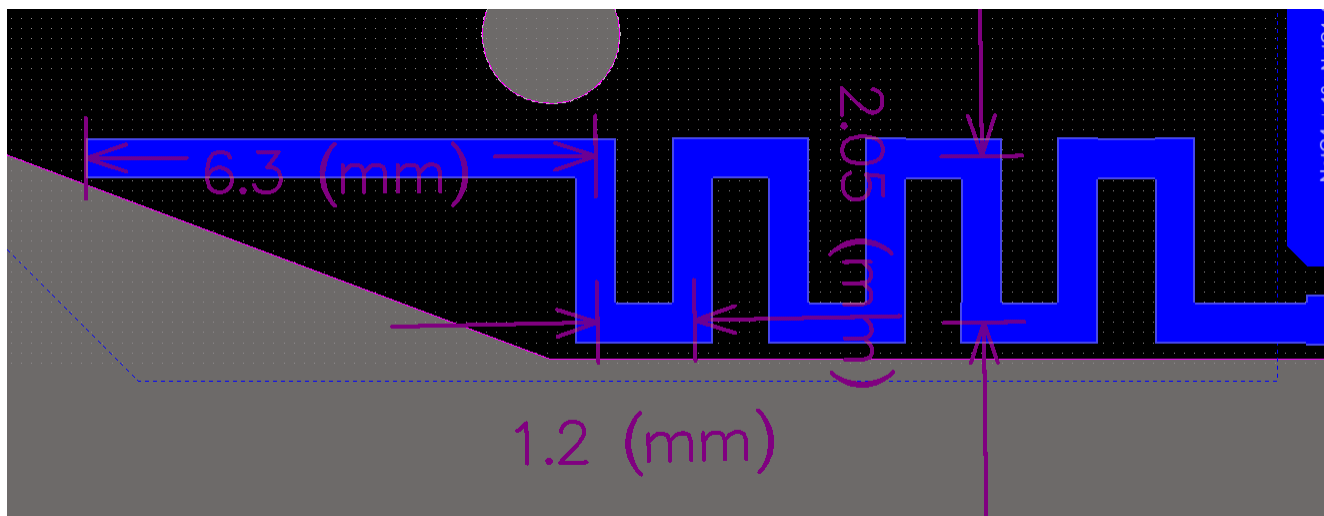
Shenzhen Huaxing Shuangchen Technology Co., Ltd

Specifications

Summary

ITEM	SPEC.
Model Name	PCB Antenna
CenterFrequency	2402MHz 1.6dBi
	2451MHz 1.48dBi
	2480MHz 1.35dBi
MAX. GAIN	1.6 dBi
Polarization	Horizontal
Azimuth Beam Pattern	Omni-directional
Impedance	50 Ω

AntennaPhoto&Length (mm)



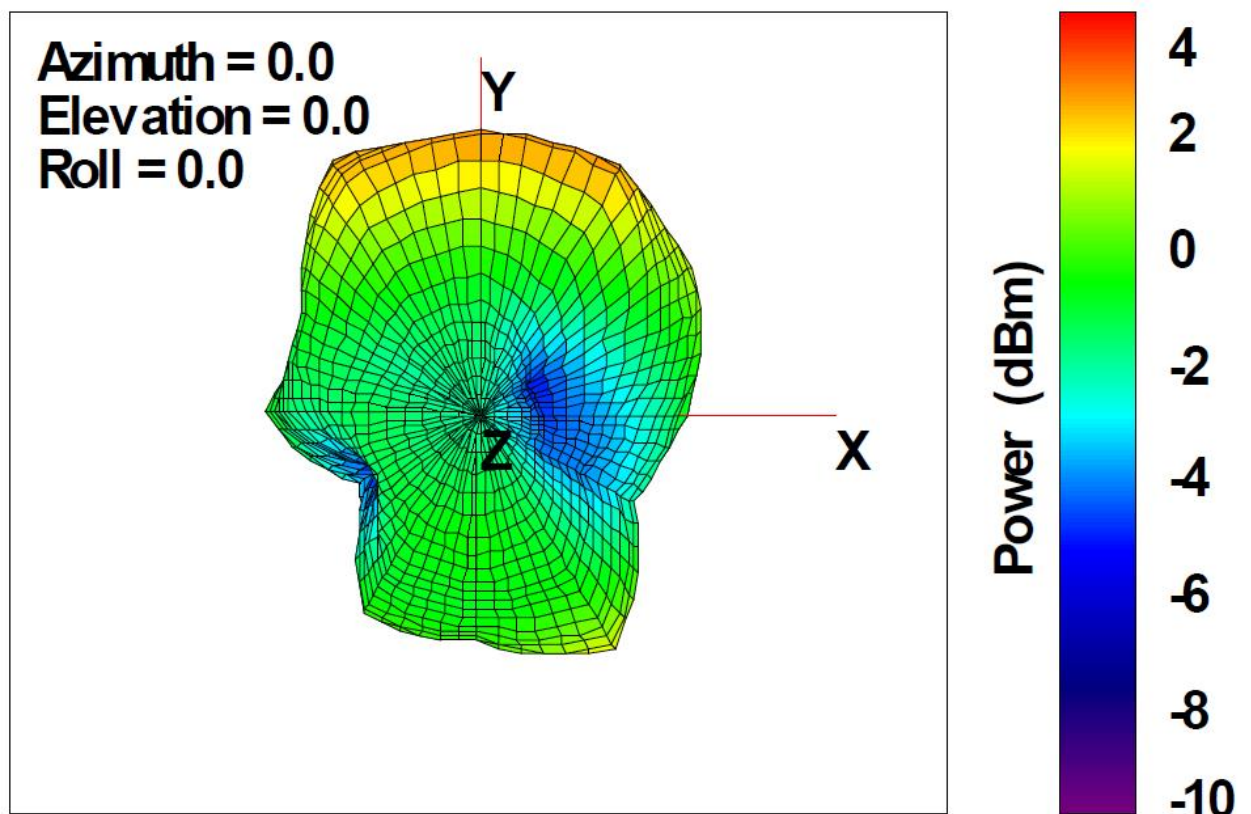
manufacturer: Shenzhen Huaxing Shuangchen Technology Co., Ltd
address: Room 201, Building E, Huichao Factory, Guxing Community, Xixiang Street, Bao'an District, Shenzhen City, Guangdong Province, China

1. Main antenna : 2402MHz

1.1

Horizontal

Total EIRP, Top View



Frequency (MHZ) : 2402 Antenna Polarity: Horizontal

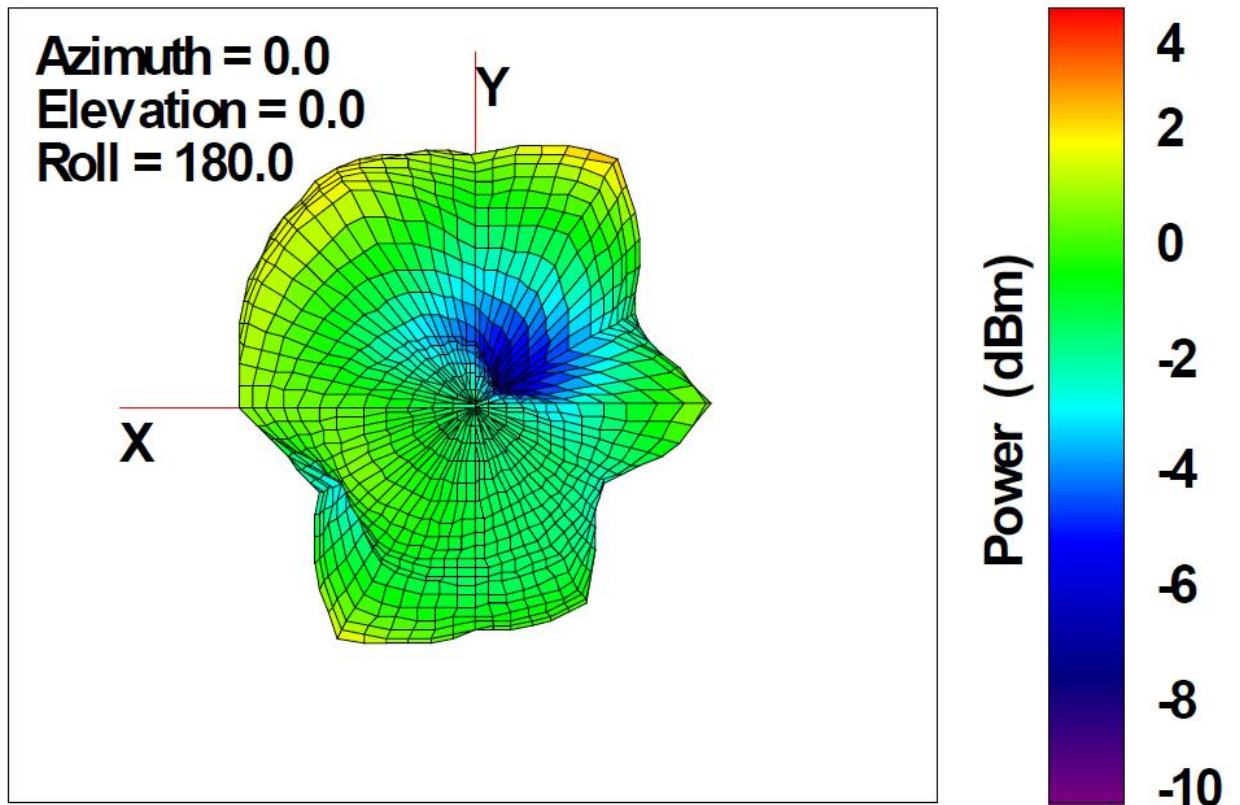
Maximum Value (dBi) : 1.6

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

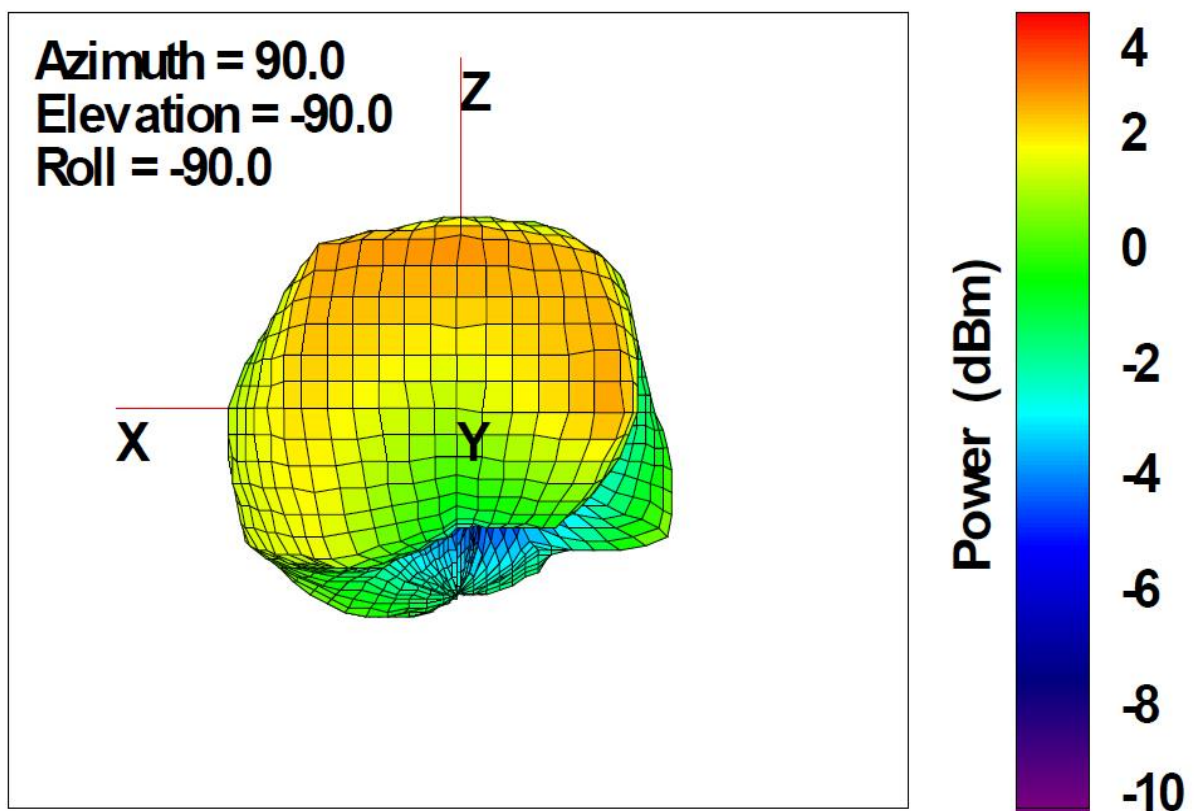
Average Gain (dBi) : -12

Minimum Gain (dBi) : -64

2. Main antenna : 2451 MHz

2.1 Horizontal

Total EIRP, Right Side View



Frequency(MHZ) : 2451 Antenna Polarity:

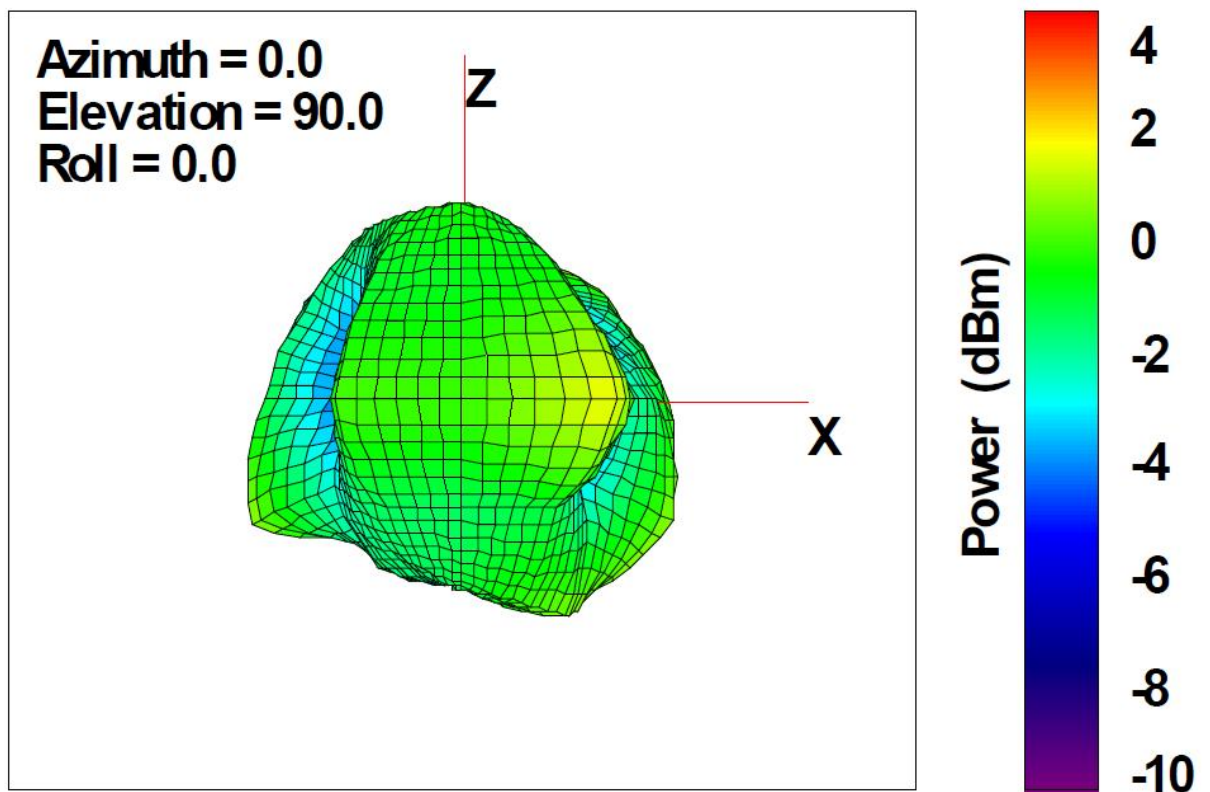
Horizontal Maximum Value(dBi) : 1.34

Average Gain(dBi) : -1.2

Minimum Gain(dBi) : -60

2.2 Vertical

Total EIRP, Left Side View



Frequency (MHZ) : 2451 Antenna Polarity:

Vertical Maximum Value (dBi) : -3.0

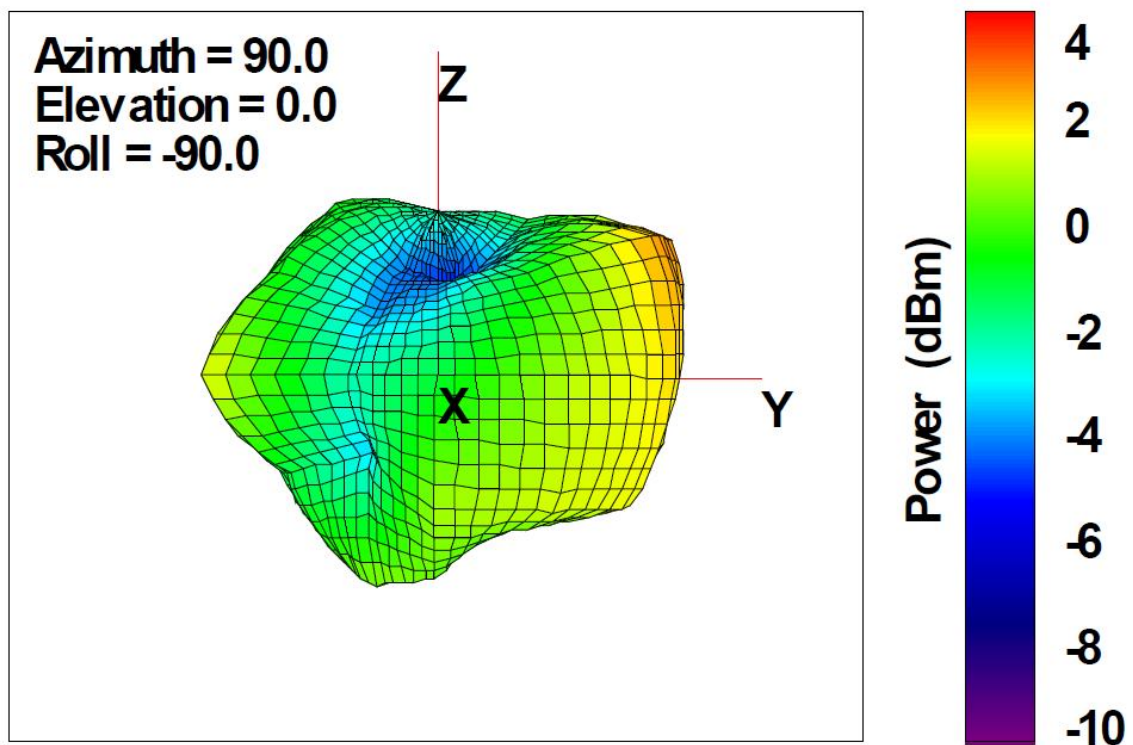
Average Gain (dBi) : -12

Minimum Gain (dBi) : -54

3. Main antenna : 2480MHz

2.1 Horizontal

Total EIRP, Front View



Frequency(MHZ) : 2480 Antenna Polarity: Horizontal

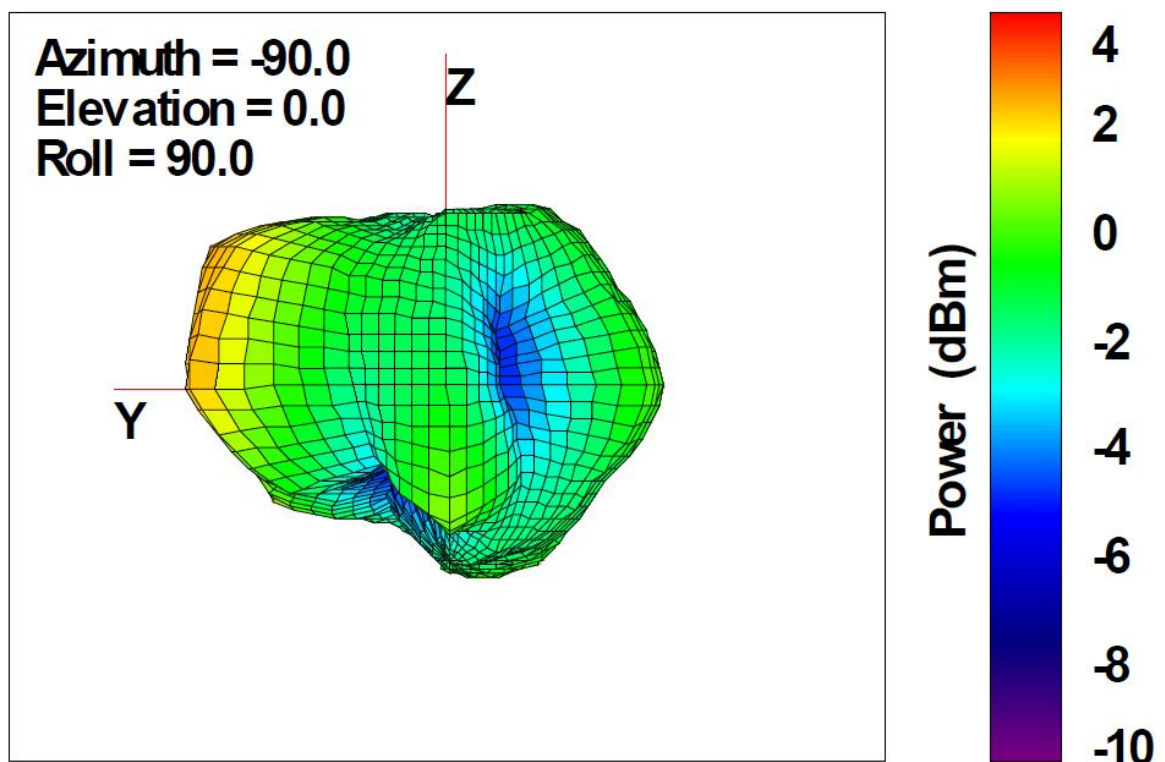
Maximum Value (dBi) : 1.4

Average Gain (dBi) : -2.5

Minimum Gain (dBi) : -52

2.2 Vertical

Total EIRP, Back View



Frequency(MHZ) : 2480 Antenna Polarity: Vertical

Maximum Value(dBi) : -4.5

Average Gain(dBi) : -11

Minimum Gain(dBi) : -50