

Antenna Specification

Shenzhen Huaxing Shuangchen Technology Co., Ltd

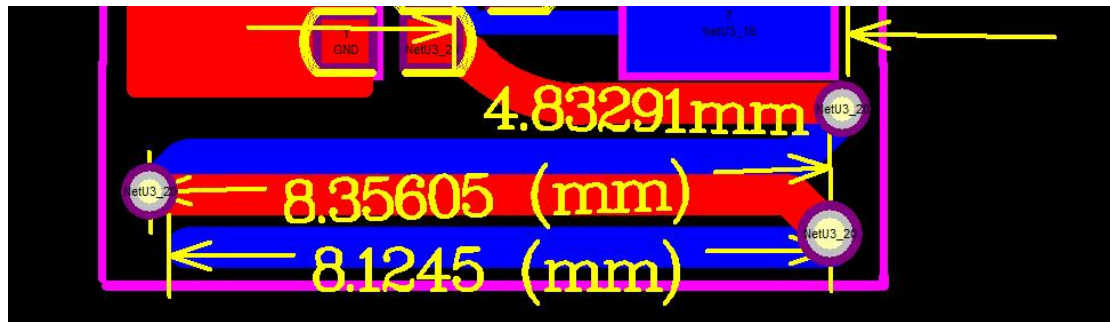
Address: 4th Floor, Building A2, Donghua Industrial Zone,
Sanwei Intersection, Bao'an Avenue, Bao'an District, Shenzhen,
Guangdong

Specifications

Summary

ITEM	SPEC.
Model Name	R12-8510
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)

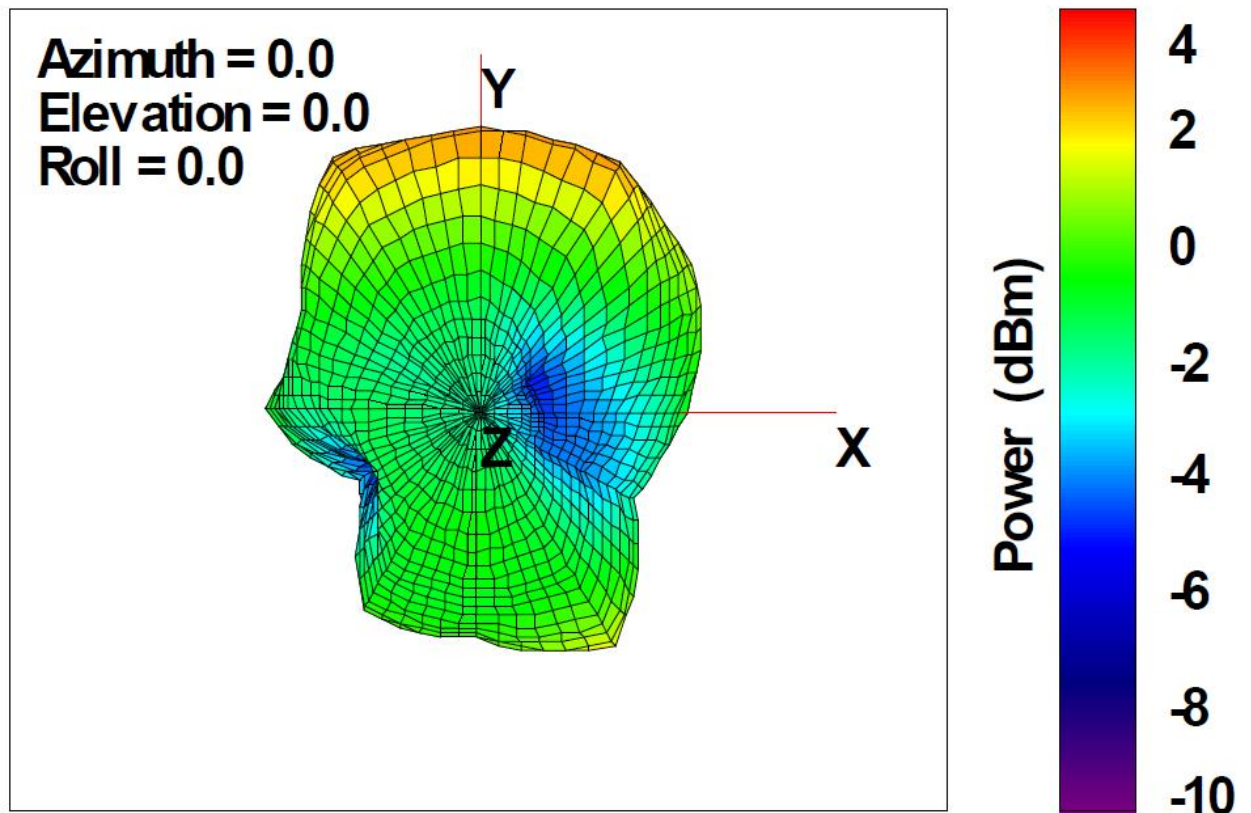


1. Main antenna : 2405MHz

1.1

Horizontal

Total EIRP, Top View



Frequency (MHZ) : 2405 Antenna Polarity: Horizontal

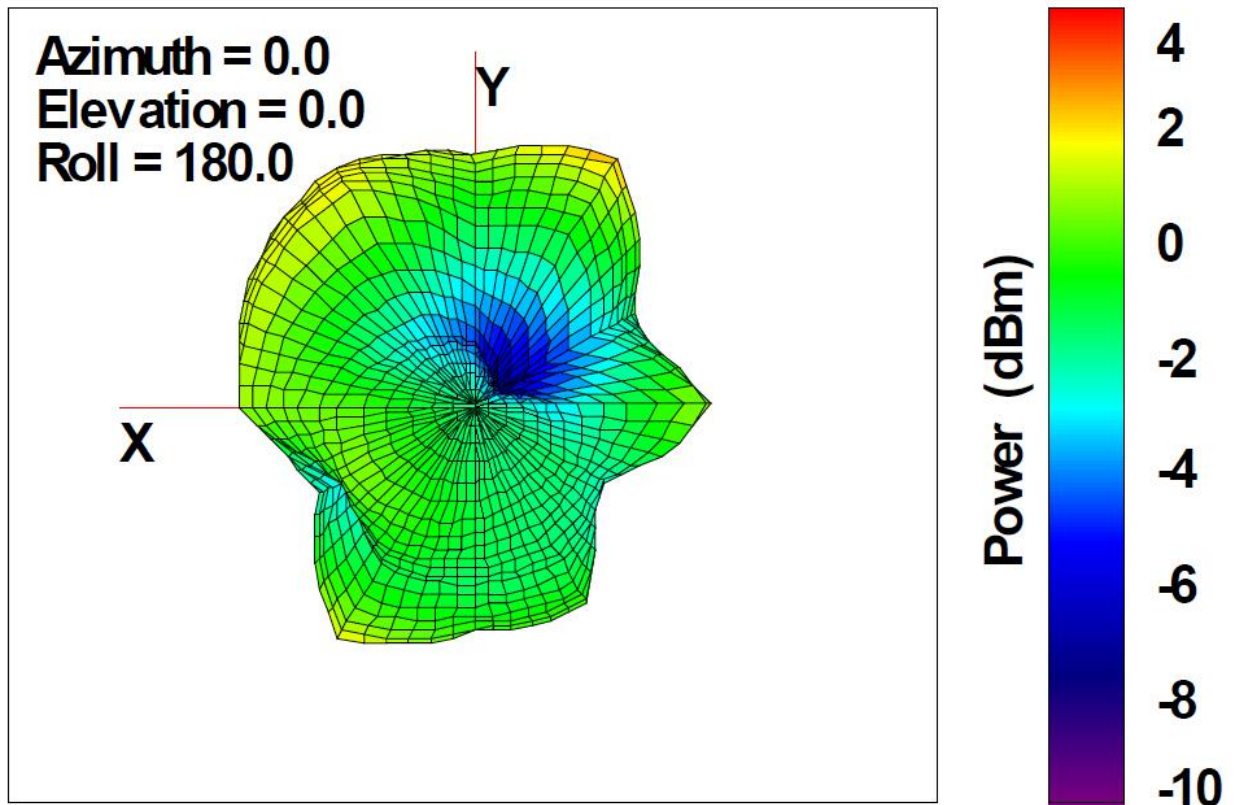
Maximum Value (dBi) : 1.6

Average Gain (dBi) : -1.4

Minimum Gain (dBi) : -61.26

1.2 Vertical

Total EIRP, Bottom View



Frequency(MHZ) : 2405 Antenna Polarity: Vertical

Maximum Value(dBi) : -2.85

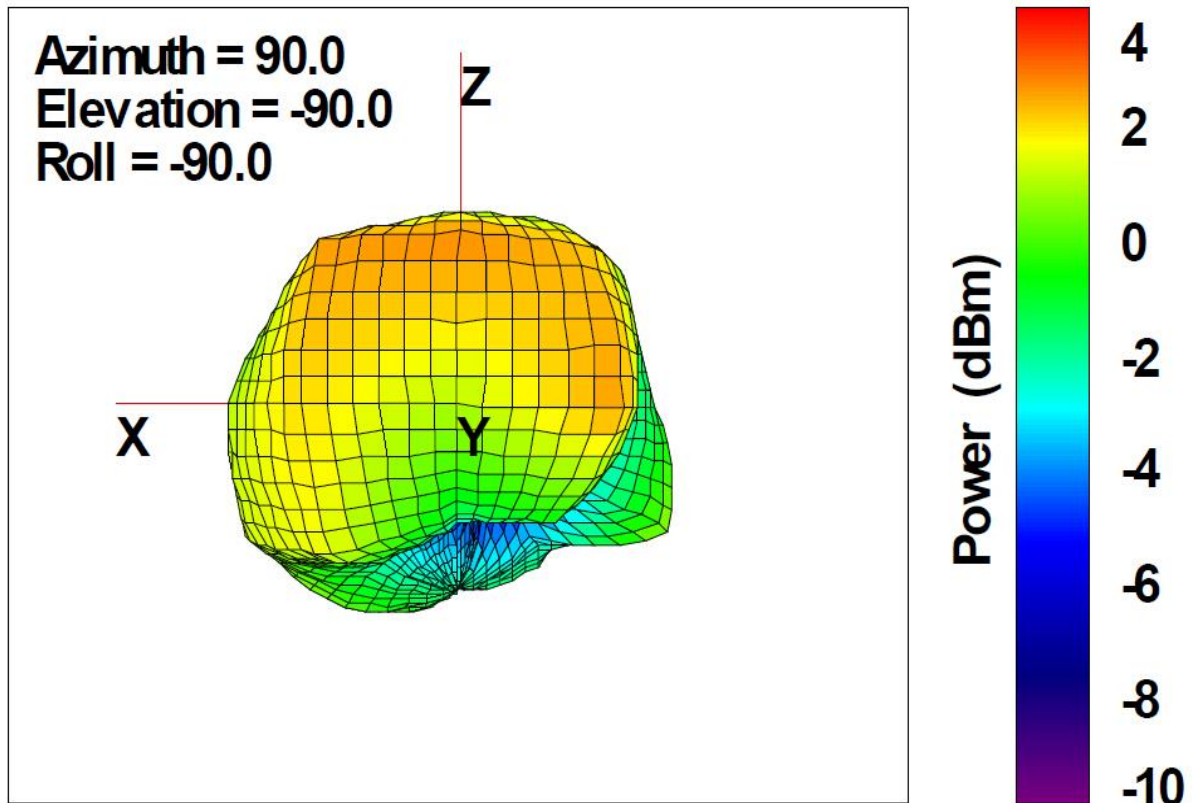
Average Gain(dBi) : -12

Minimum Gain(dBi) : -64

2. Main antenna : 2451 MHz

2.1 Horizontal

Total EIRP, Right Side View



Frequency(MHZ) : 2451 Antenna Polarity: Horizontal

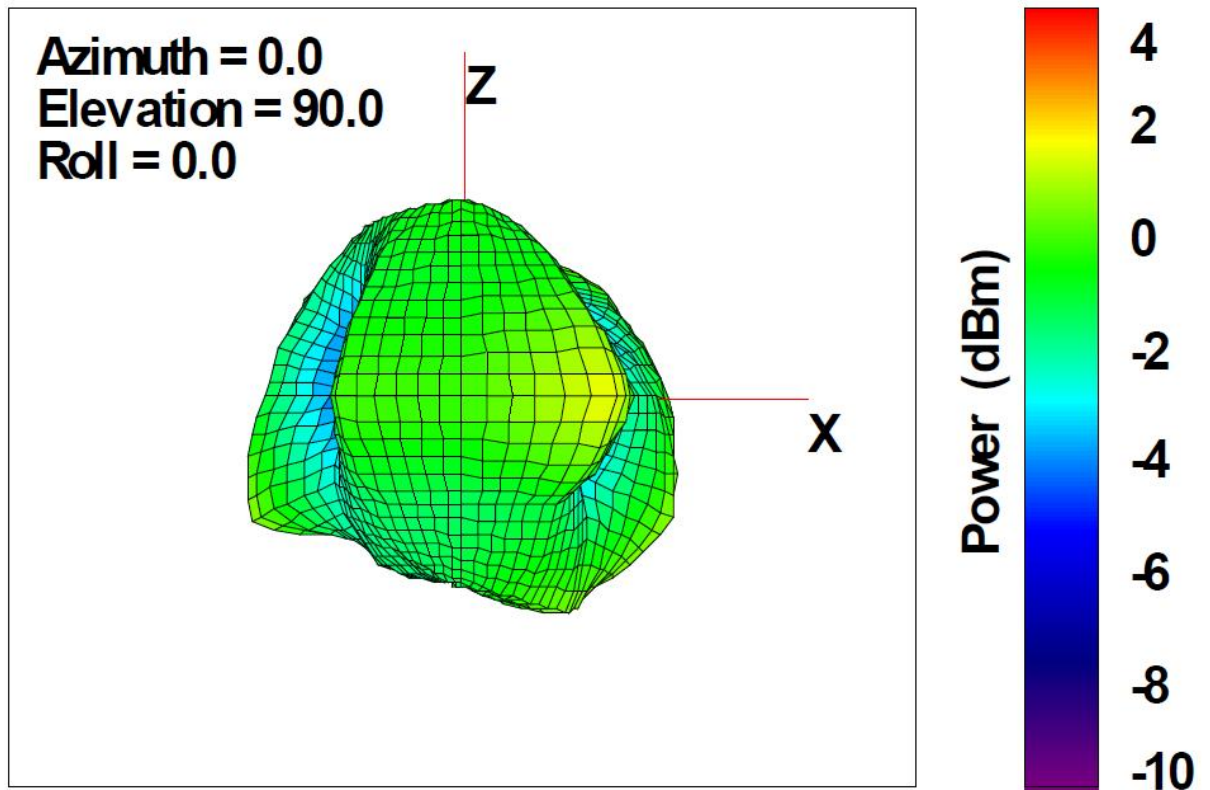
Maximum Value(dBi) : 1.34

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

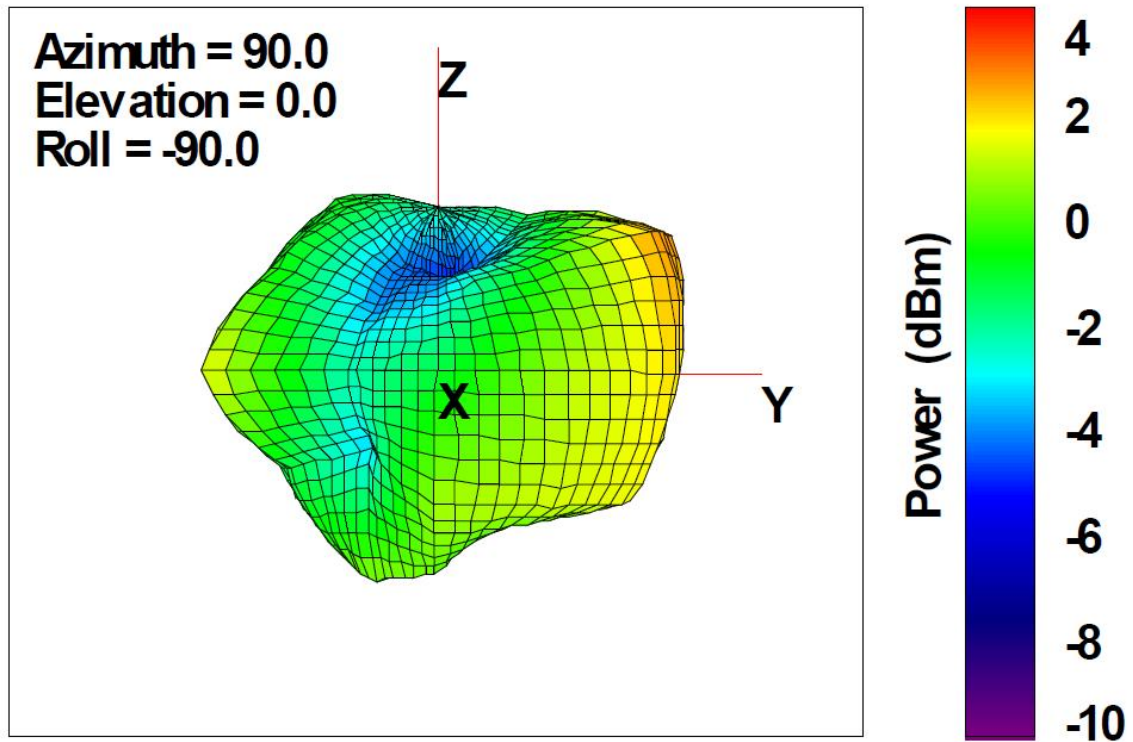
Average Gain (dBi) : -12

Minimum Gain (dBi) : -54

3. Main antenna : 2475MHz

2.1 Horizontal

Total EIRP, Front View



Frequency(MHZ) : 2475 Antenna Polarity: Horizontal

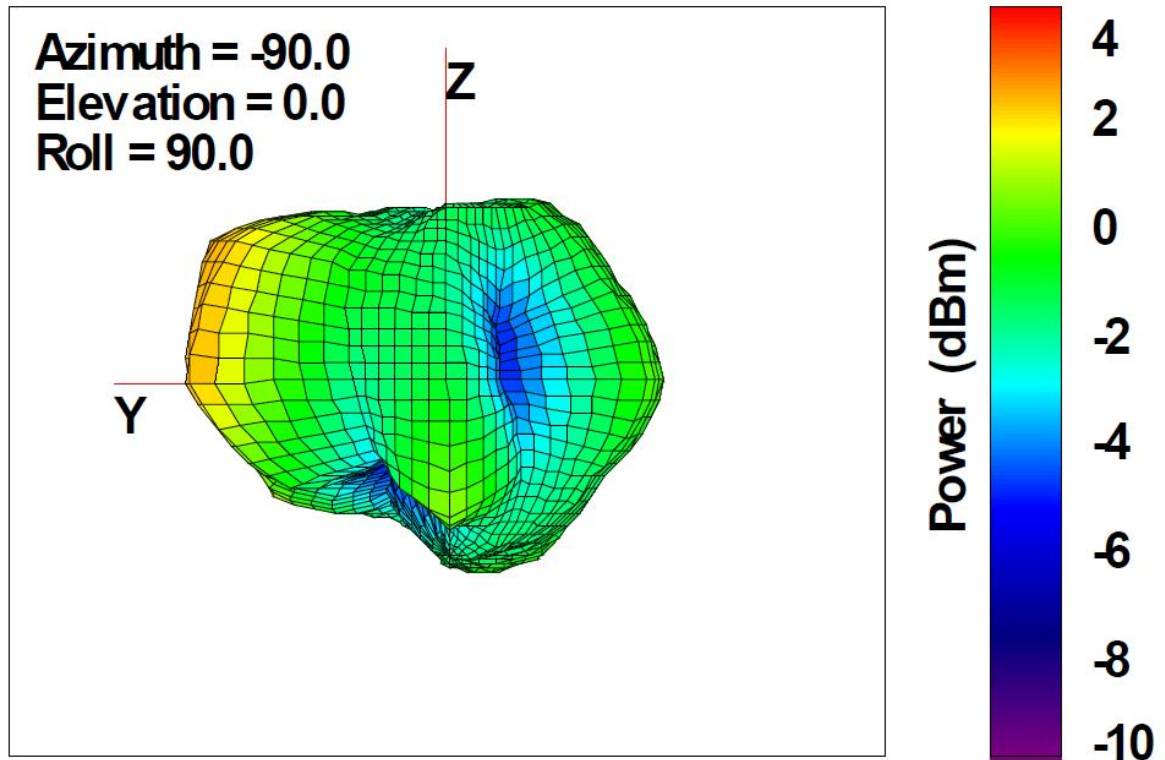
Maximum Value(dBi) : 1.4

Average Gain(dBi) : -2.5

Minimum Gain(dBi) : -52

2.2 Vertical

Total EIRP, Back View



Frequency (MHZ) : 2475 Antenna Polarity: Vertical

Maximum Value (dBi) : -4.5

Average Gain (dBi) : -11

Minimum Gain (dBi) : -50