

# Antenna Test Report

**Antenna type** : PCB  
**Test Model** : EDF286013  
**Series Model** : N/A  
**Applicant** : Dongguan Edifier Technology Co., Ltd.  
**Manufacturer** : Beijing Edifier Technology Co., Ltd.  
**Address** : 8th floor,ZuoAn Building,NO.68 BeiSiHuanXiLu,  
Haidian District, Beijing 100080,CHINA  
**Brand** : EDIFIER

## **B T L I N C .**

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## Table of Contents

## Page

### REPORT ISSUED HISTORY

3

#### 1 . Genernal Information

4

#### 2 . Antenna Photo

5

#### 3 . Gain & Pattern

6

#### 4 . Test Photos

9

**REPORT ISSUED HISTORY**

| Report Version | Description                      | Issued Date   |
|----------------|----------------------------------|---------------|
| R00            | Original Issue.                  | Sep. 10, 2018 |
| R01            | Updated the product name.        | Aug. 01, 2019 |
| R02            | Updated the General Information. | Jun. 15, 2020 |

## 1. General Information

|                  |                          |
|------------------|--------------------------|
| Test Model       | EDF286013                |
| Series Model     | N/A                      |
| Brand            | EDIFIER                  |
| Model Difference | N/A                      |
| Antenna Type     | PCB                      |
| Max. Gain (dBi)  | 2.59 (2400MHz~2483.5MHz) |

## 2. Antenna Size

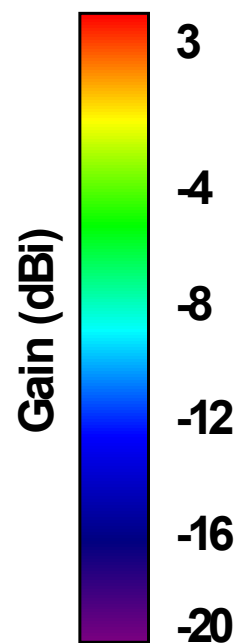
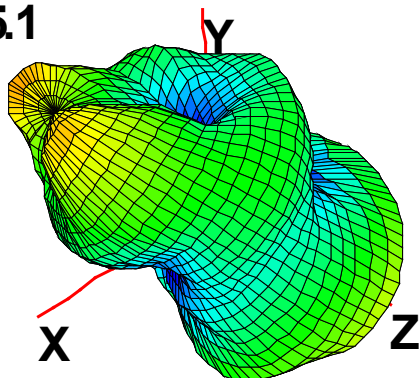
ANT

### 3. Gain & Pattern

| 2.4G | Frequency (MHz) | Efficiency (%) | Gain (dBi) |
|------|-----------------|----------------|------------|
|      | 2400            | 24.48          | 0.17       |
|      | 2405            | 27.99          | 0.84       |
|      | 2410            | 28.32          | 0.71       |
|      | 2415            | 31.04          | 1.29       |
|      | 2420            | 29.42          | 0.71       |
|      | 2425            | 29.51          | 0.98       |
|      | 2430            | 27.33          | 0.76       |
|      | 2435            | 28.23          | 0.65       |
|      | 2440            | 27.68          | 0.98       |
|      | 2445            | 29.84          | 1.02       |
|      | 2450            | 31.62          | 1.59       |
|      | 2455            | 34.93          | 1.82       |
|      | 2460            | 35.83          | 1.96       |
|      | 2465            | 37.64          | 2.44       |
|      | 2470            | 37.78          | 1.98       |
|      | 2475            | 37.79          | 2.59       |
|      | 2480            | 37.17          | 1.89       |
|      | 2485            | 39.16          | 2.68       |
|      | 2490            | 40.87          | 2.33       |
|      | 2495            | 42.33          | 2.90       |
|      | 2500            | 44.52          | 2.78       |

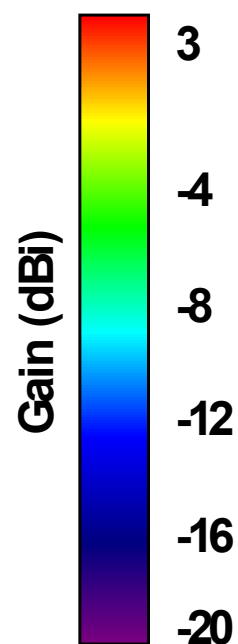
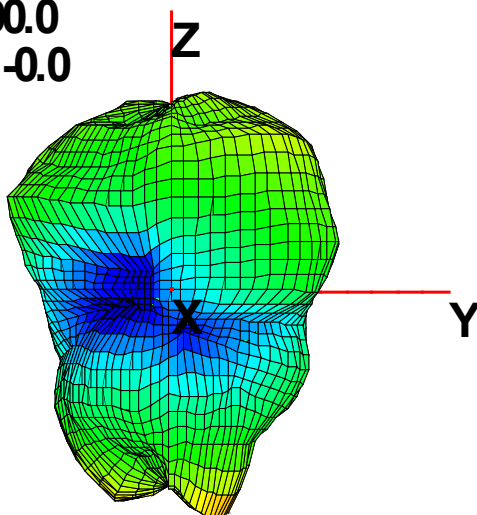
## Total

Azimuth = -2.1  
Elevation = 38.6  
Roll = 135.1



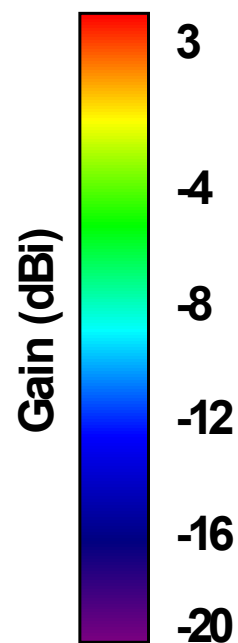
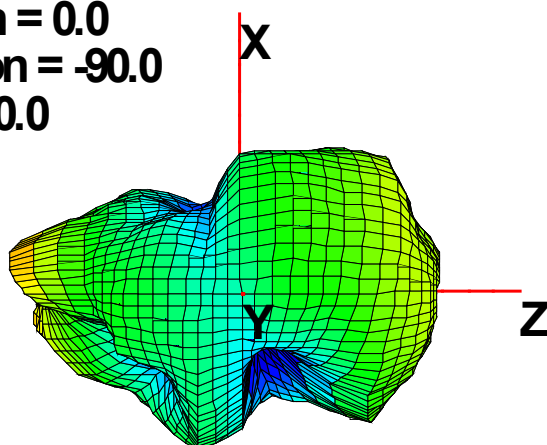
## Total

Azimuth = 90.0  
Elevation = -0.0  
Roll = -90.0



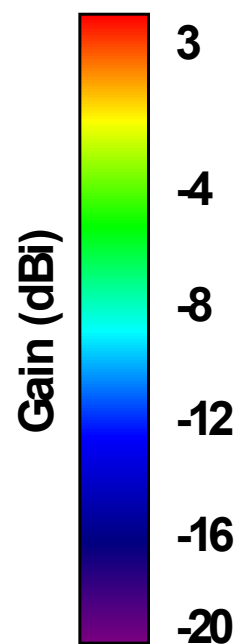
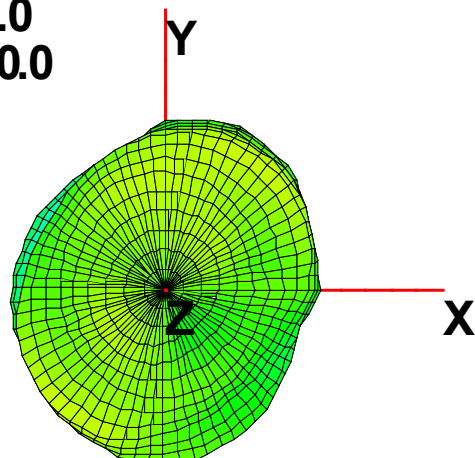
## Total

Azimuth = 0.0  
Elevation = -90.0  
Roll = 90.0



## Total

Azimuth = 0.0  
Elevation = 0.0  
Roll = 0.0



#### 4. Test Photos