Antenna Test Report

Antenna type	:	PCB
Test Model	:	EDF286012
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

BTL INC.

No.3, Jinshagang 1st Road, Shixia, Dalang Town,
Dongguan, Guangdong, China.
TEL: +86-769-8318-3000 FAX: +86-769-8319-6000

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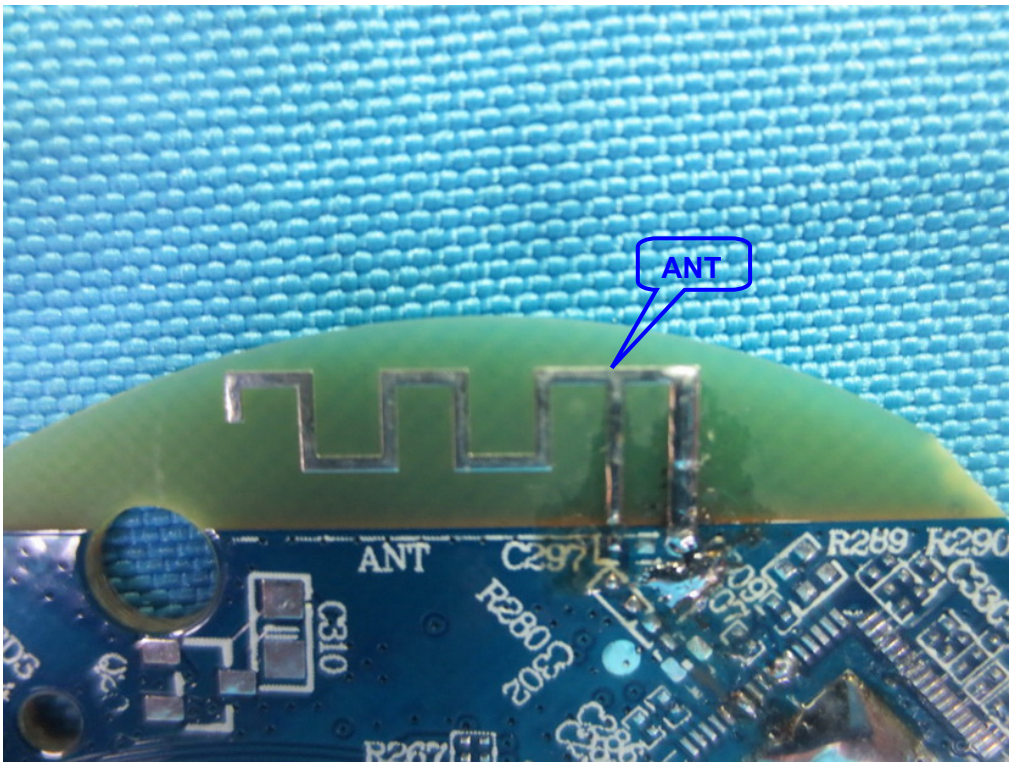
REPORT ISSUED HISTORY

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

1. Genernal Information

Test Model	EDF286012
Series Model	N/A
Brand	EDIFIER
Model Difference	N/A
Antenna Type	PCB
Max. Gain (dBi)	2.59 (2400MHz~2483.5MHz)

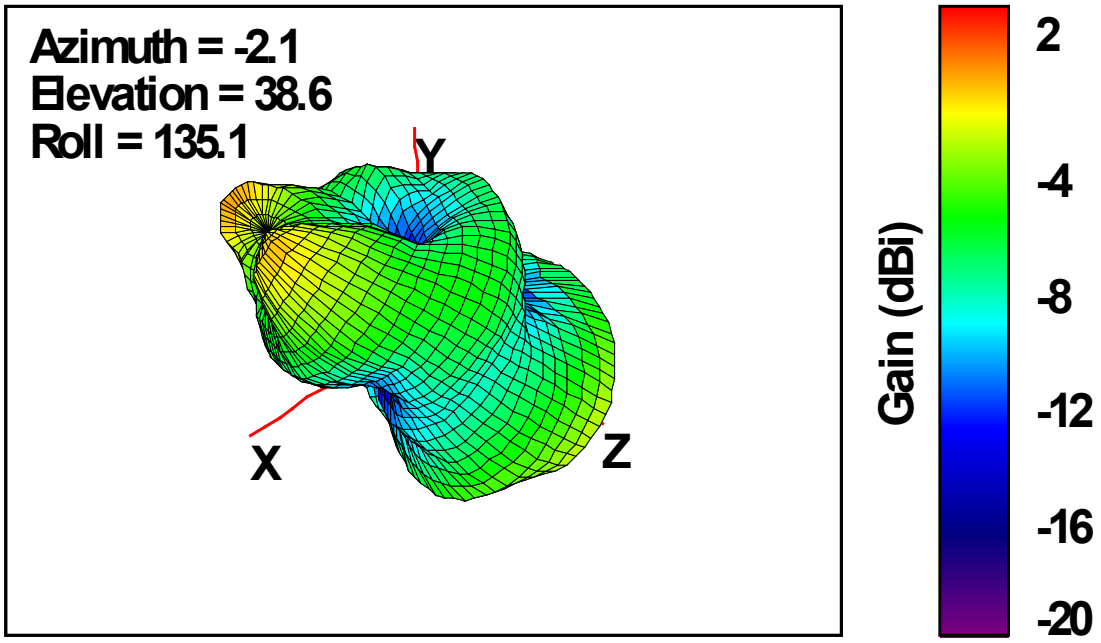
2. Antenna Photo



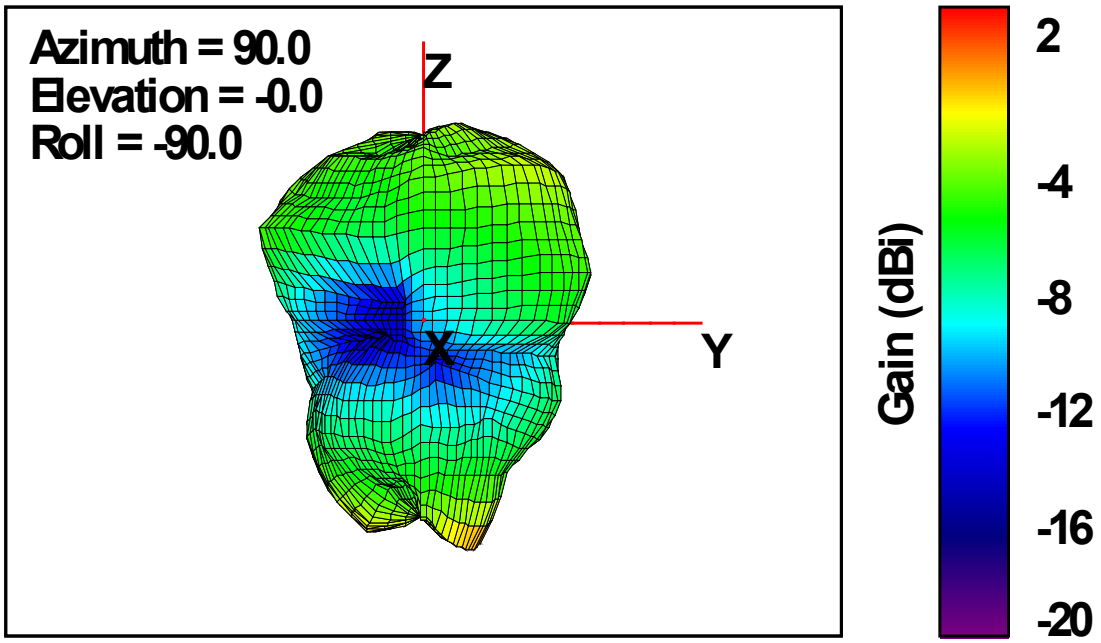
3. Gain & Pattern

	Frequency (MHz)	Efficiency (%)	Gain (dBi)
2.4G	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

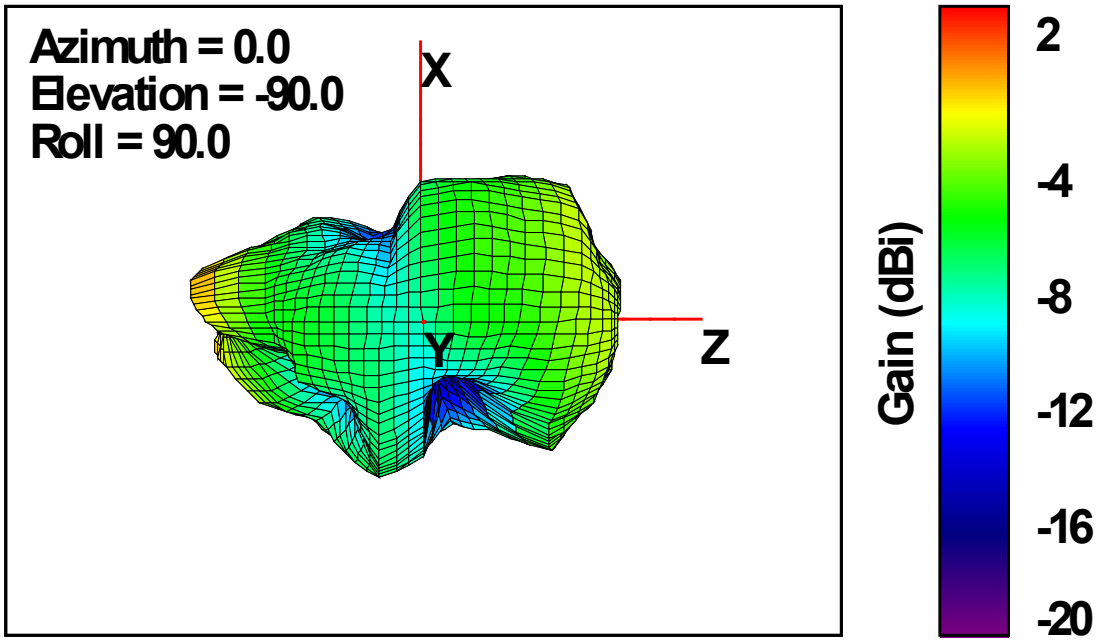
Total


Azimuth = -2.1
Elevation = 38.6
Roll = 135.1
Y
X
Z
Gain (dBi)
2
-4
-8
-12
-16
-20

Total


Azimuth = 90.0
Elevation = -0.0
Roll = -90.0
Z
X
Y
Gain (dBi)
2
-4
-8
-12
-16
-20

Total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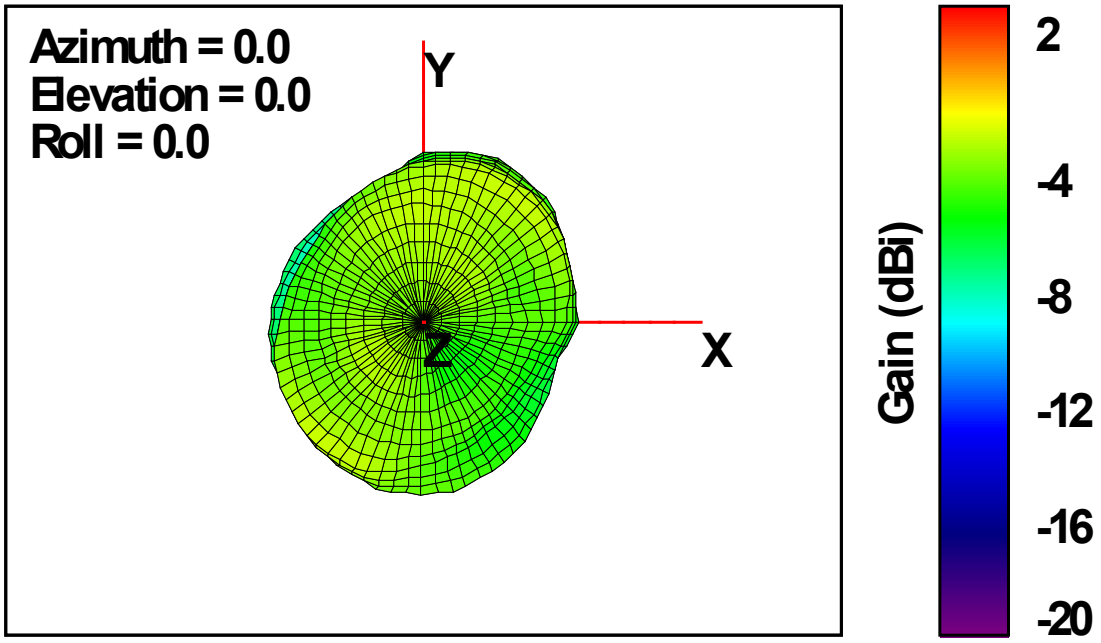
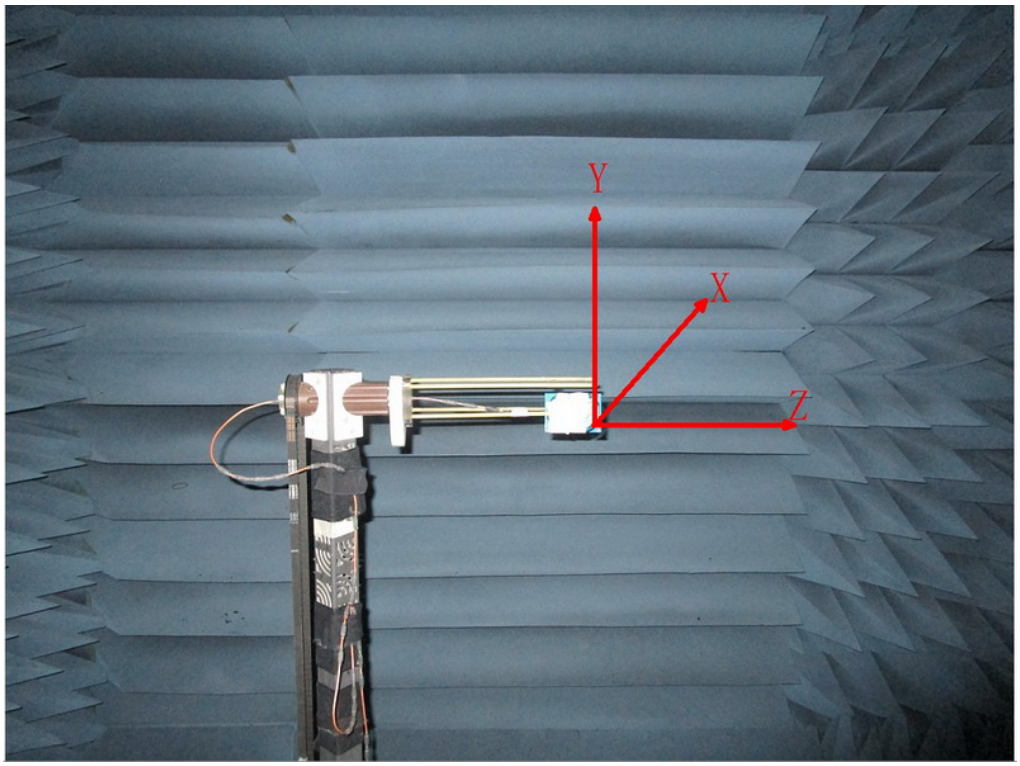
Elevation = -90.0
Roll = 90.0
X
Y
Z
Gain (dBi)
2
-4
-8
-12
-16
-20

Total


Azimuth = 0.0
Elevation = 0.0
Roll = 0.0
Y
Z
X
Gain (dBi)
2
-4
-8
-12
-16
-20

4. Test Photos