

ANTENNASPECIFICATION

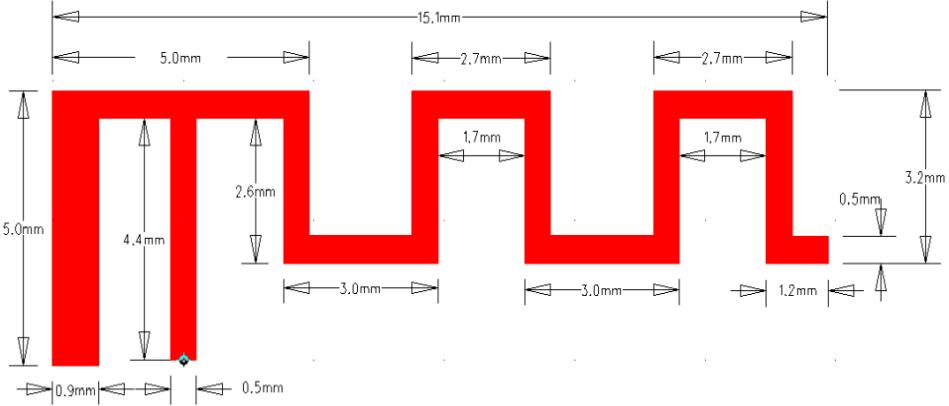
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1. Project Information

1.1. Appearance and Dimensions

Test point	Specifications	Test result
Antenna name	HED07	OK
Overall dimensions	15.1mm*5.0mm	OK
Drawing		

1.2. Antenna manufacturer

1.2. Antenna manufacturer

The antenna type is PCB board mounted antenna,
Antenna manufacturer is PCB manufacturer:
Shenzhen Yishengxin Multilayer Circuit Co., Ltd.
Manufacturer Address: 4th Floor, Building 2, Dahua Feijie,
Yanchuan Community, Yanluo Street, Baoan District, Shenzhen
Antenna name HED07

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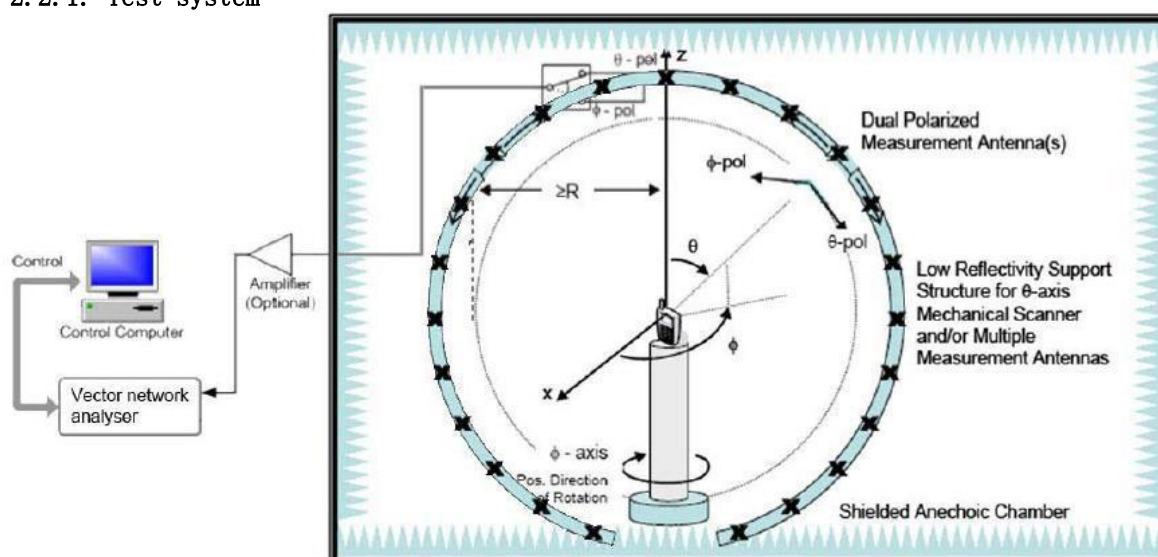
2. Electrical Characteristics

2.1. Test Environment Conditions

Temperature	Ordinary Temperature (5 to 35°C)
Humidity	Ordinary Humidity (25 to 85% RH)

2.2. Efficiency and Gain

2.2.1. Test system

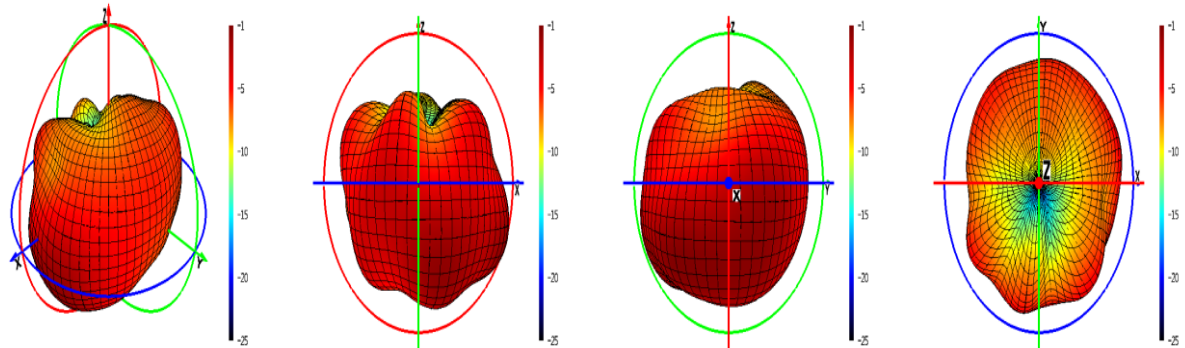


2.2.2. No-source test data

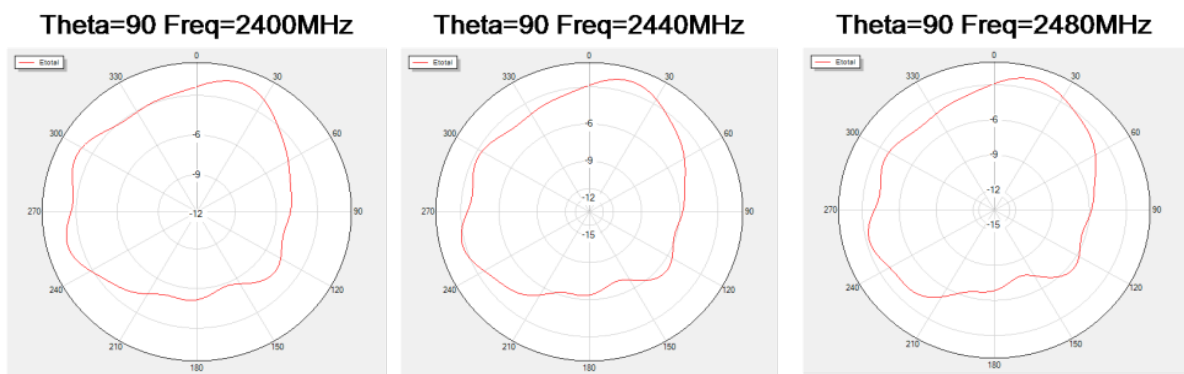
Gain&Efficiency			
frequency (MHz)	gain (dBi)	efficiency (dB)	efficiency (%)
2400	-0.55	-4.38	35.49
2410	-0.99	-4.73	35.67
2420	-0.37	-4.6	36.66
2430	-0.41	-4.86	34.67
2440	-1.09	-5.12	36.76
2450	-0.81	-5.29	33.58
2460	-0.9	-5.62	31.42
2470	-1.15	-5.79	31.38
2480	-0.79	-5.93	30.5
2490	-1.46	-6.73	29.25
2500	-1.39	-6.69	28.42

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2.2.3. 3D Radiation Drawing



2.2.4. directional drawing of horizontal plane



Frequency:BT/BLE: 2402~2480MHz
MAX. GAIN:-0.37dBi