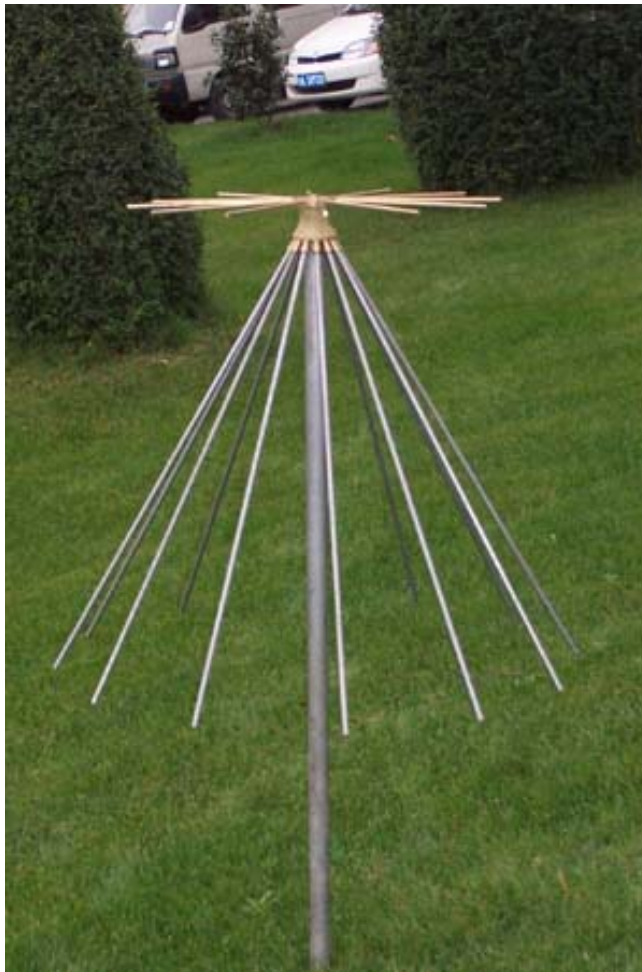


# Test Report

## for 80~500MHz Discone-type Antenna



**Model: HXATBDDC850**

**Chengdu HAIXIN MICROWAVE Technology Co., Ltd**

Add: Chengdu 610091, China

Tel: +86-28-87089208

Website: [www.hxmicrowave.com](http://www.hxmicrowave.com)

Fax: +86-28-87089208

Email: [sale@hxmicrowave.com](mailto:sale@hxmicrowave.com)

## Technical Specification

| Frequency<br>Rang | VSWR  | Power<br>CW | Connector | Size           |
|-------------------|-------|-------------|-----------|----------------|
| 0.08~0.5GHz       | 2.5:1 | 300W        | N-Female  | Φ 1180mm×920mm |

## Test Instruments

Agilent 83630B  
HP8563E  
HP8720D

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## Test Results

### 1. Gain

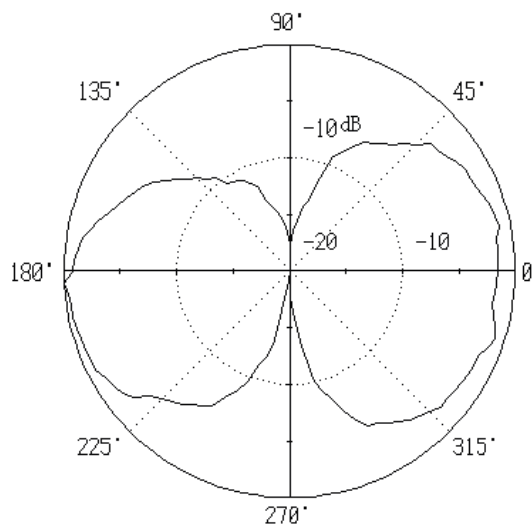


| Frequency (MHz) | 80  | 250 | 500 |
|-----------------|-----|-----|-----|
| Gain (dBi)      | 0.8 | 1.2 | 1.5 |

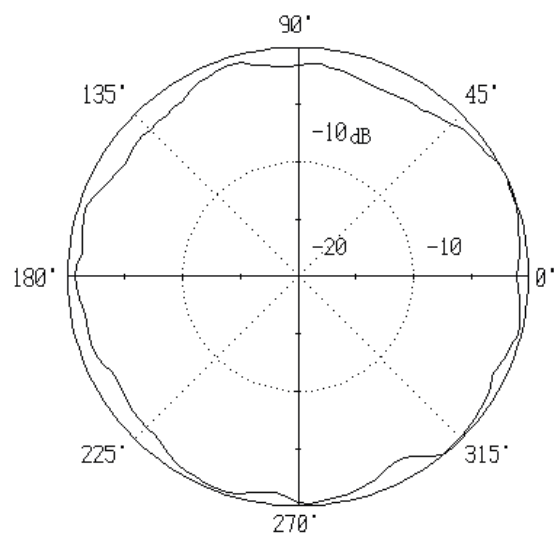
### 2. Pattern

80MHz

E Plane

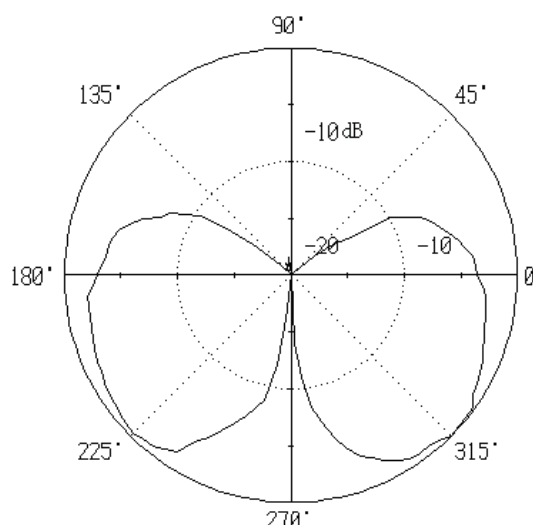


H Plane

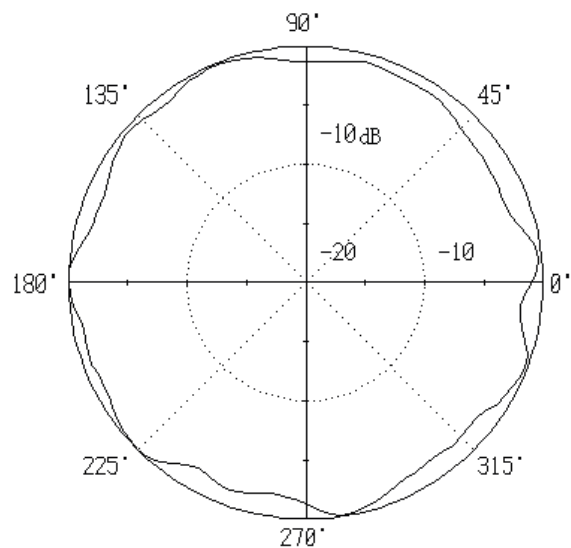


250MHz

E Plane



H Plane



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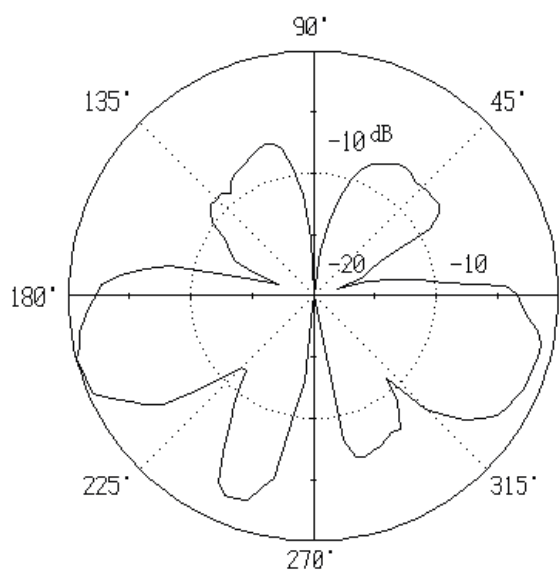
Website: [www.hxmicrowave.com](http://www.hxmicrowave.com)

Fax: +86-28-87089208

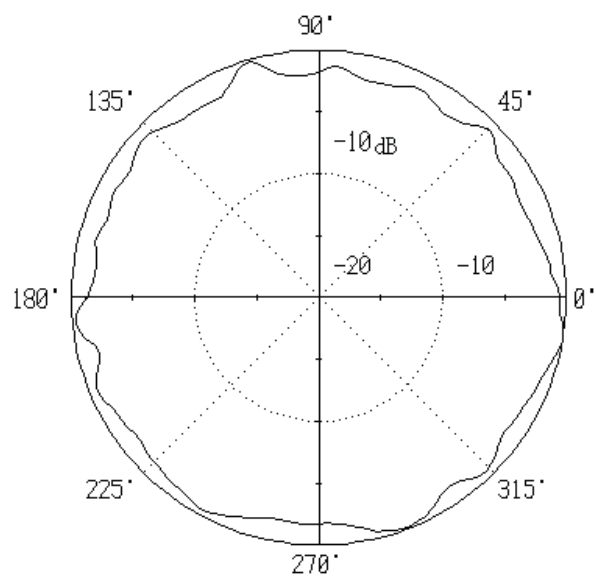
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500MHz

E Plane



H Plane



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