

# Test Report

## for 0.5~3.0GHz Broadband Horn Antenna



Model: HXATBDH530

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

Add: Chengdu 610091, China

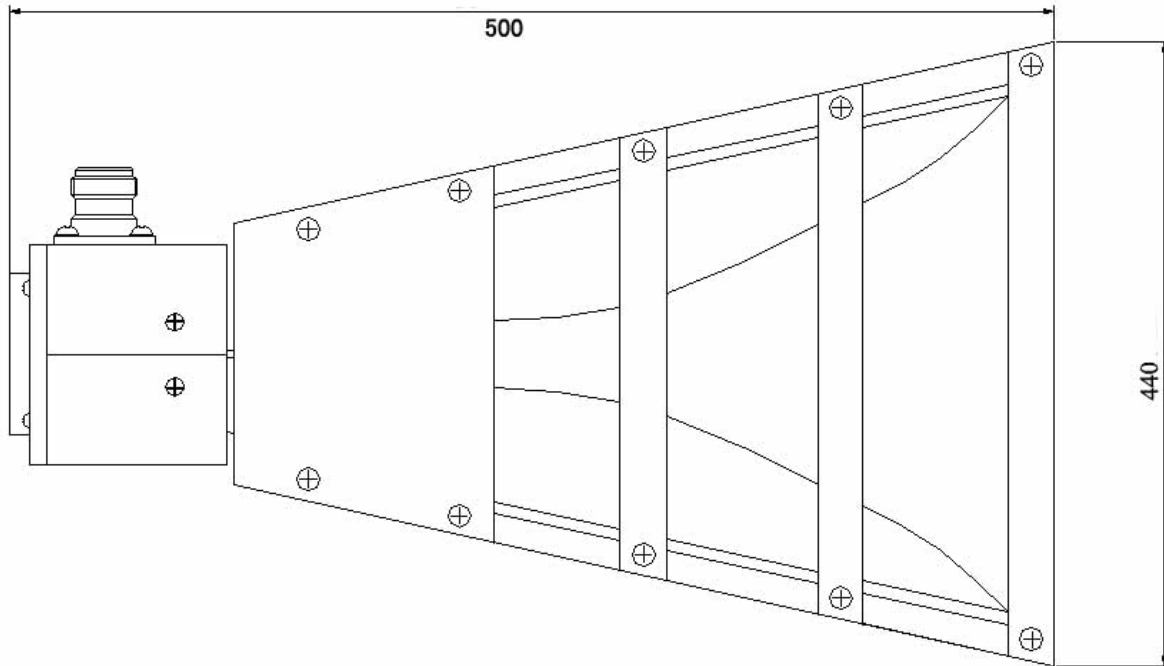
Tel: +86-28-87089208

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

Fax: +86-28-87089208

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

## Outline Drawing (Size: mm)



## Technical Specification

Frequency Rang	VSWR	Gain	Connector	Size
0.5~3.0GHz	2:1	8.5dBi	N-Female	500mm×440mm×350mm

## Test Instruments

Agilent 83630B  
 HP8563E  
 HP8720D

# Test Results



## 1. Gain

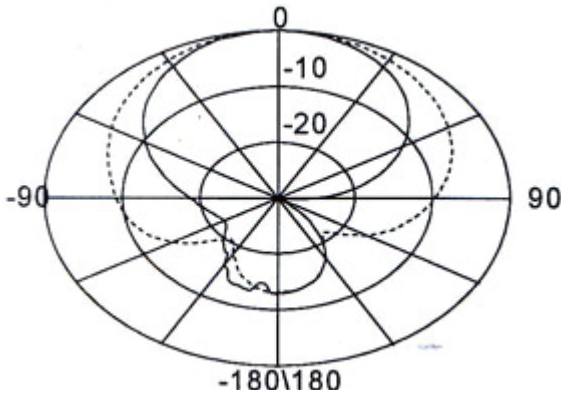
Frequency (GHz)	0.5	1.0	1.8	2.4	3.0
Gain (dBi)	7	12	10	12	11

## 2. Pattern

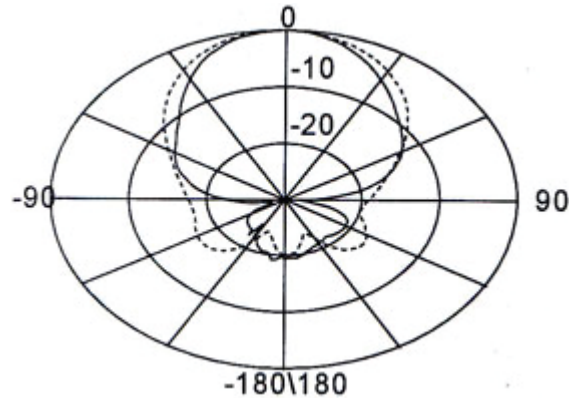
E Plane-----

H Plane-----

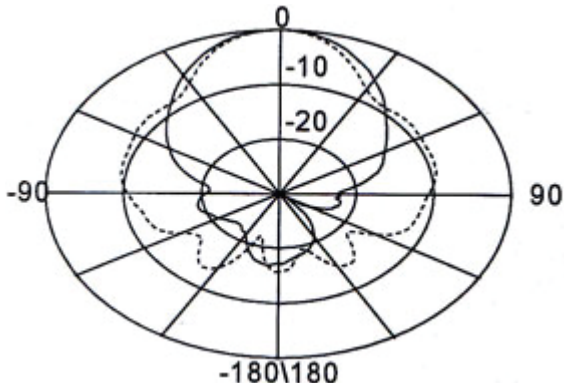
500MHz(102° / 68° )



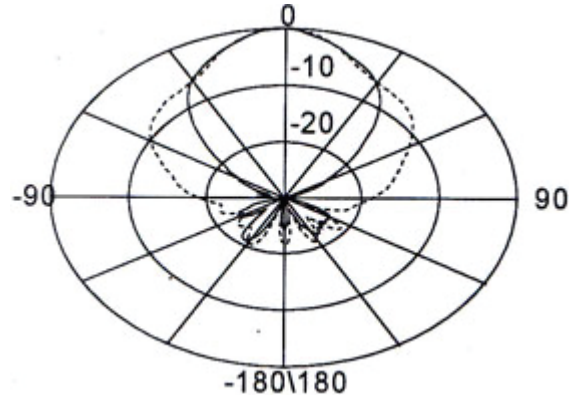
1000MHz(43° / 54° )



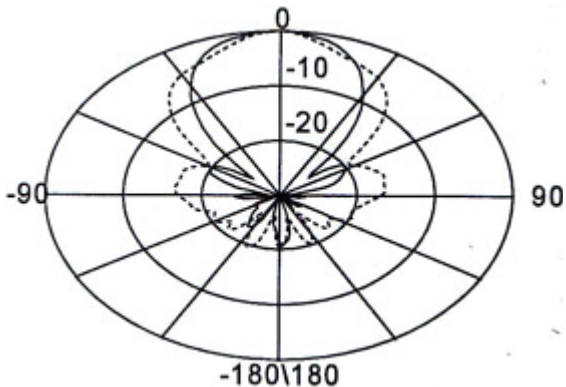
1500MHz(36° / 43° )



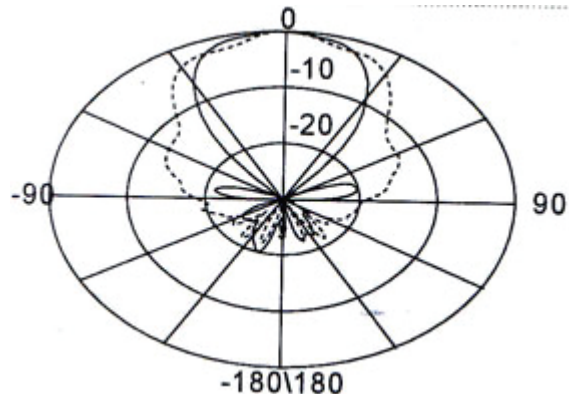
2000MHz(33° / 35° )



2500MHz(34° / 41° )



3000MHz(56° / 45° )



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