

# Test Report

## for 0.8~8.0GHz Broadband Horn Antenna



Model: HXATBDH880

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

Add: Chengdu 610091, China

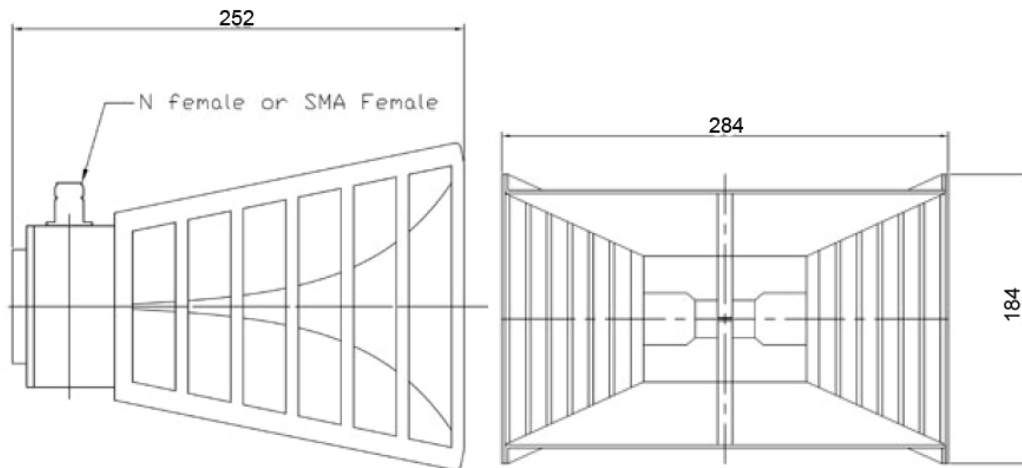
Tel: +86-28-87089208

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
0.8~8.0GHz	2:1	8.8dBi	N-Female	252mm×284mm×184mm

## Test Instruments

Agilent 83630B  
 HP8563E  
 HP8720D

# Test Results



## 1. Gain

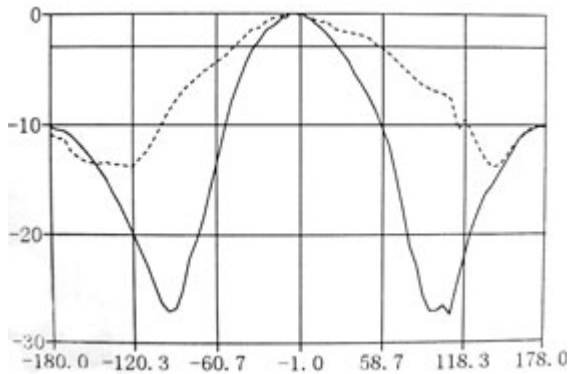
Frequency (GHz)	0.8	2.0	4.0	6.0	8.0
Gain (dBi)	8	11	11.5	12	13

## 2. Pattern

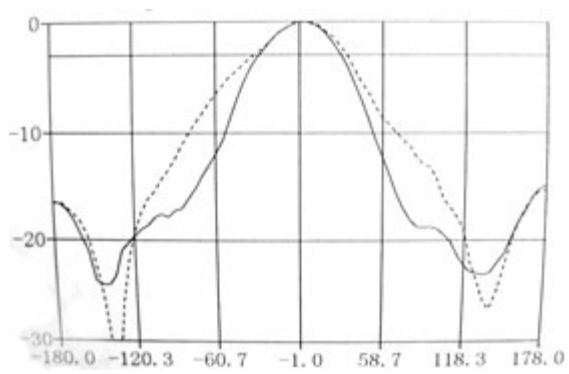
E Plane- - - - -

H Plane- - - - -

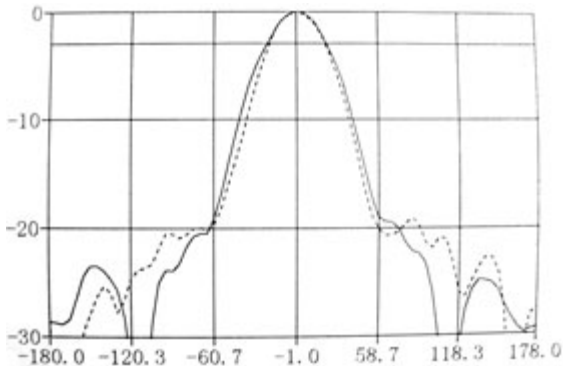
800MHz(104° / 60° )



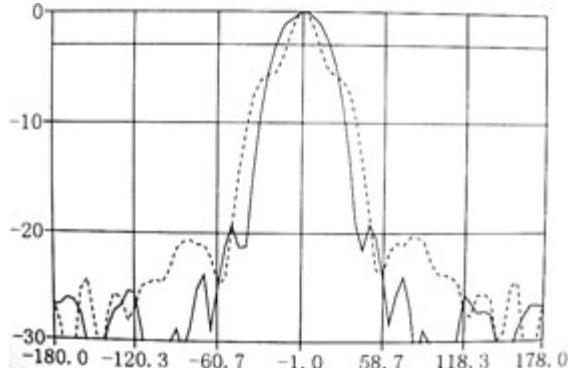
1000MHz(65° / 58° )



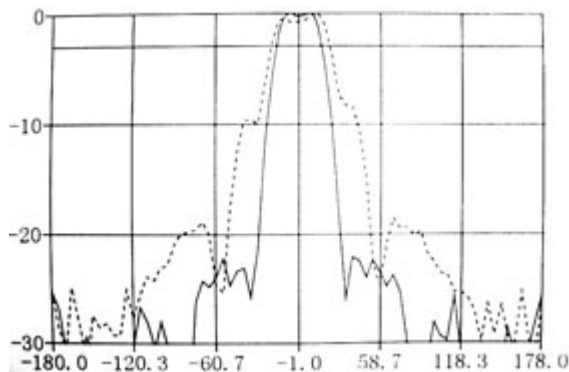
2000MHz(40° / 43° )



4000MHz(23° / 38° )



6000MHz(43° / 32° )



8000MHz(39° / 31° )

