

Test Report

for 1.0~8.0GHz Broadband Horn Antenna



Model: **HXATBDH1080B**

Chengdu HAIXIN MICROWAVE Technology Co., Ltd

Add: Chengdu 610091, China

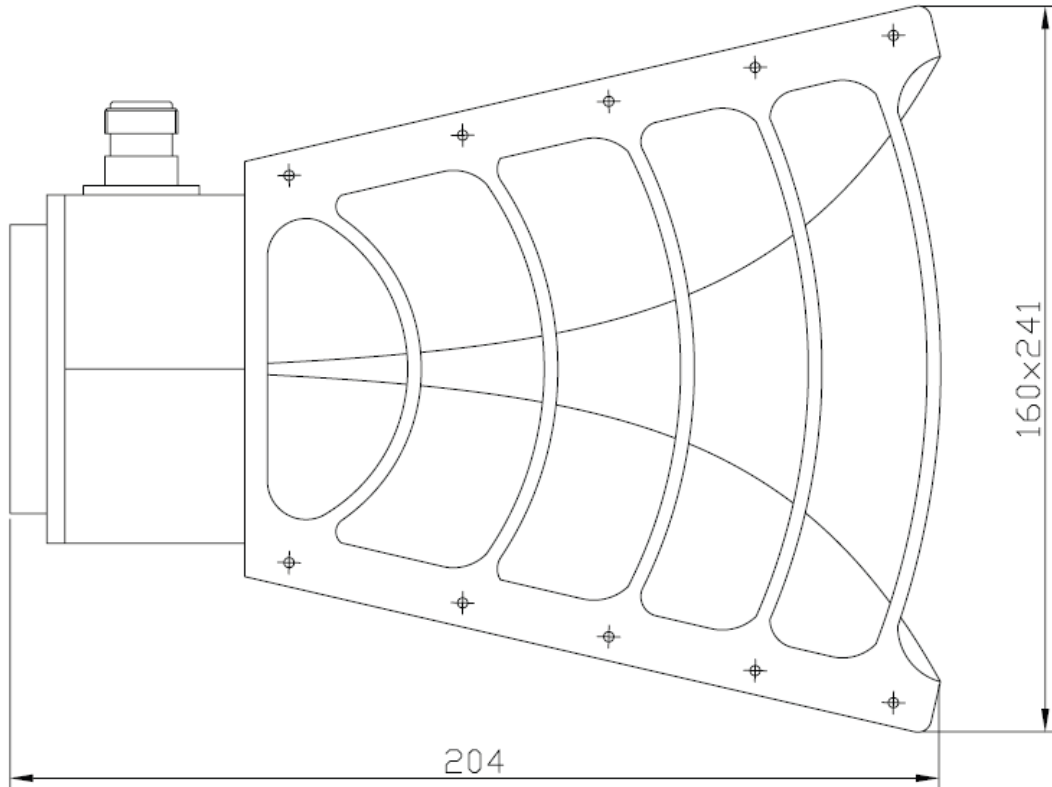
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Outline Drawing (Size: mm)



Technical Specification

Frequency Rang	VSWR	Gain	Connector	Size
1.0~8.0GHz	2:1	10dBi	N-Female	204mm×160mm×241mm

Test Instruments

Agilent 83630B
HP8563E
HP8720D

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Test Results

1. Gain

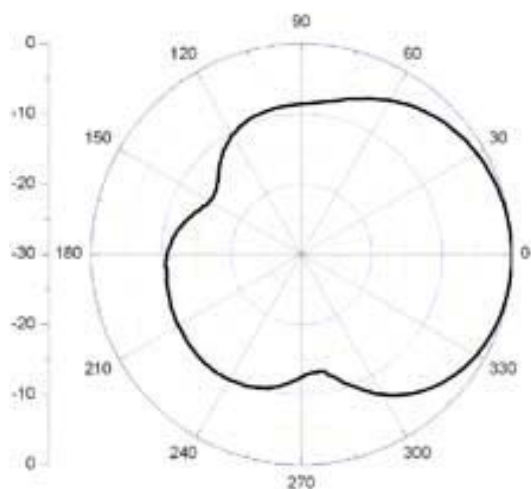


Frequency (GHz)	1.0	2.0	4.0	6.0	8.0
Gain (dBi)	7	10.2	10.5	12	13

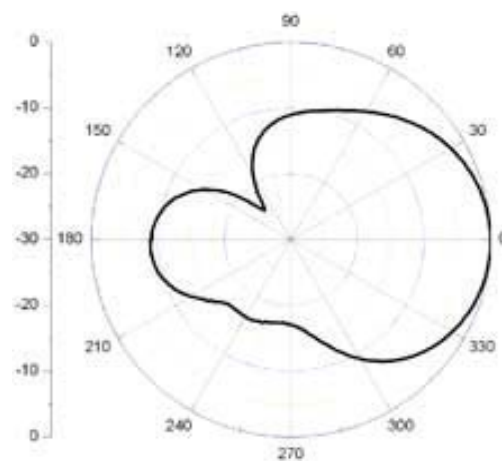
2. Pattern

1000MHz

E Plane(90°)



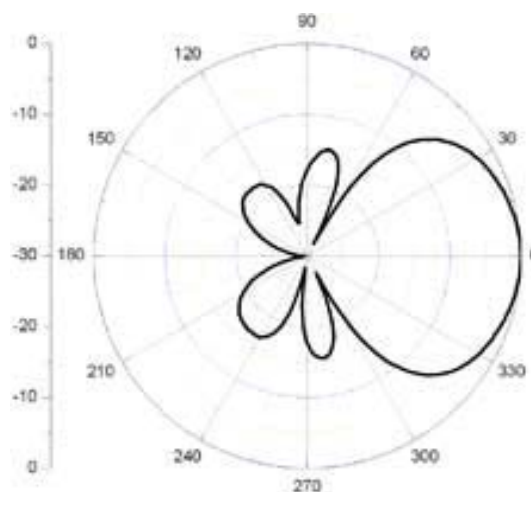
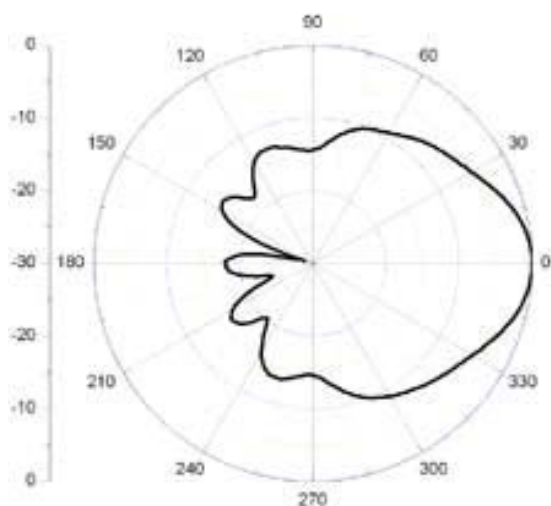
H Plane(72°)



300
0M
Hz

Pla
ne(
44
°)
H
Pla

ne(67°)



6000MHz

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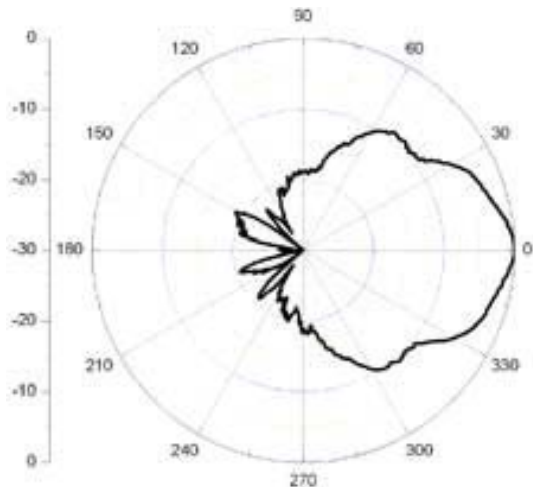
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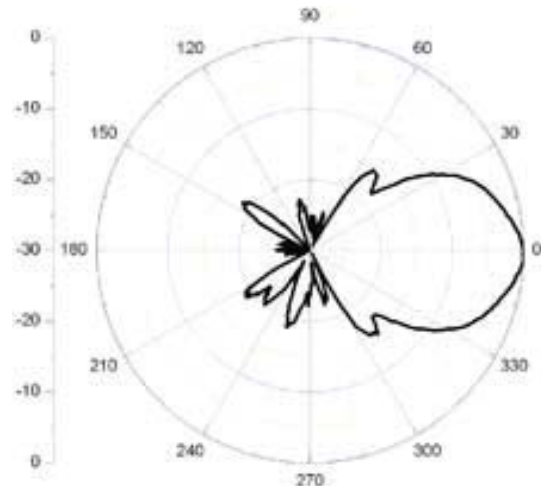
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E Plane(40°)

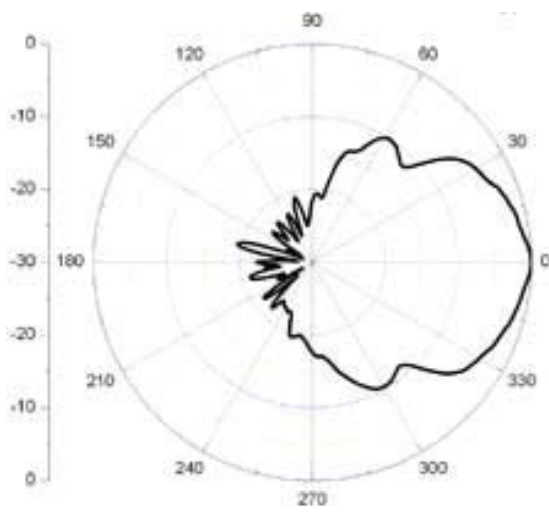


H Plane(34°)

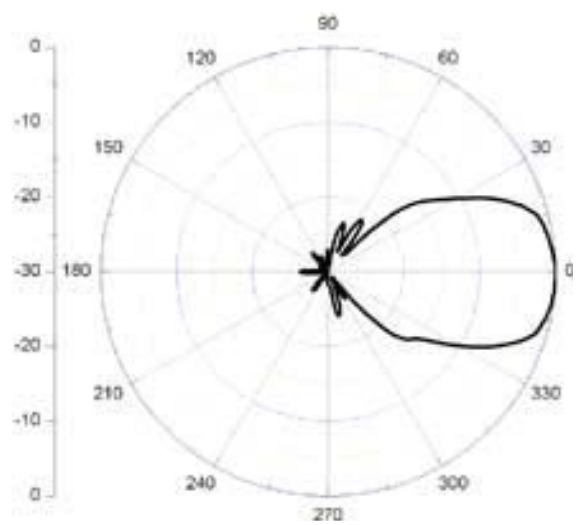


8000MHz

E Plane(40°)



H Plane(34°)



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