

Test Report

for 0.2~2.0GHz Broadband Horn Antenna



Model: HXATBDH220

Chengdu HAIXIN MICROWAVE Technology Co., Ltd

Add: Chengdu 610091, China

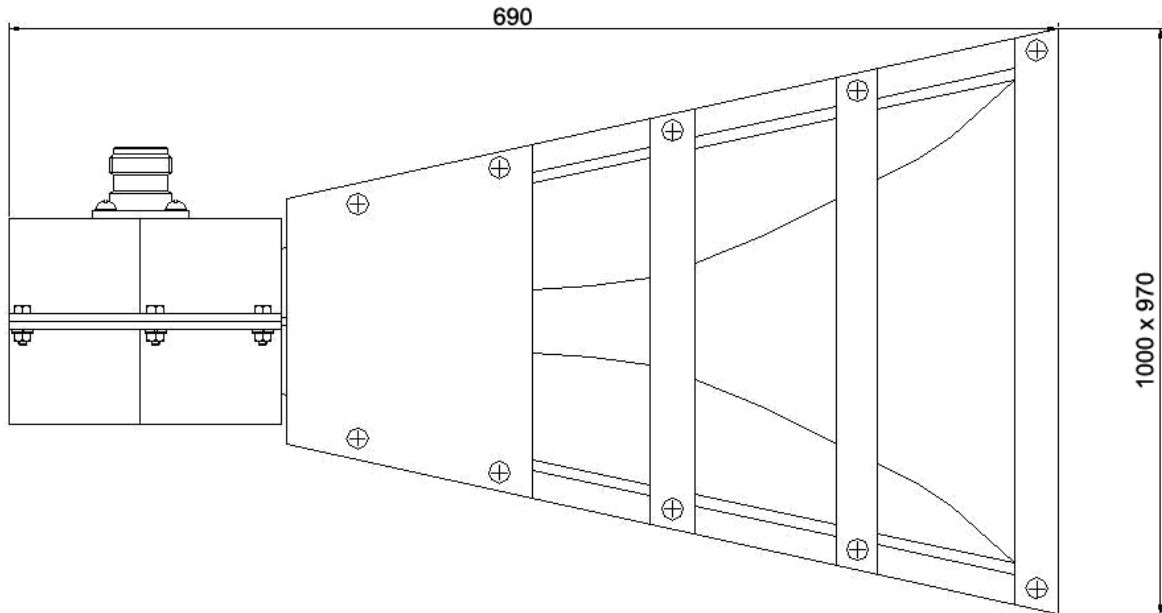
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Outline Drawing (Size: mm)



Technical Specification

Frequency Rang	VSWR	Gain	Connector	Size
0.2~2GHz	2:1	8.5dBi	N-Female	1000mm×970mm×690mm

Test Instruments

Agilent 83630B
 HP8563E
 HP8720D

Test Results

1. Gain

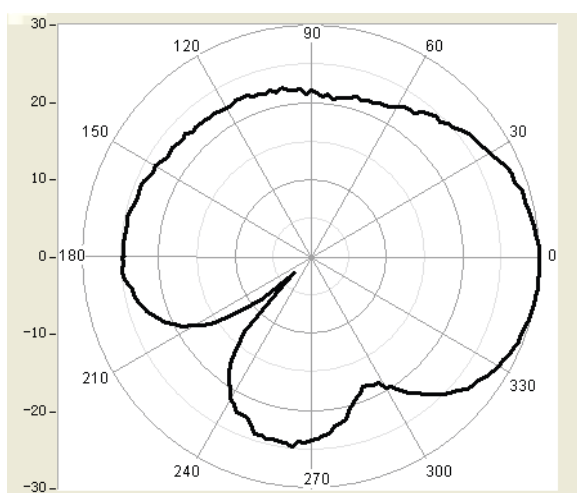


Frequency (GHz)	0.2	0.4	0.8	1.2	2.0
Gain (dBi)	7	9	9.8	10.4	10

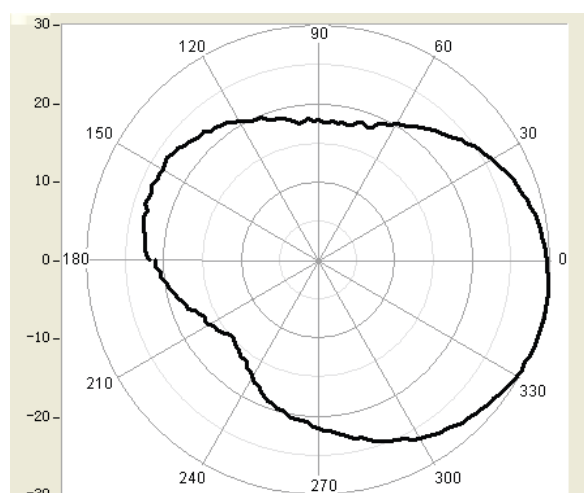
2. Pattern

a 200MHz

E Plane(67°)

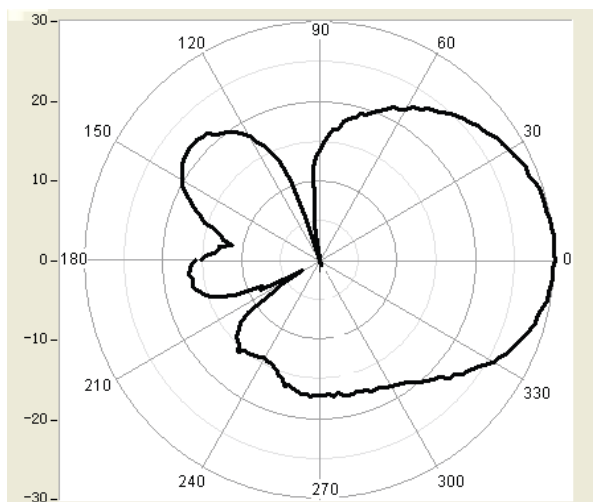


H Plane(76°)

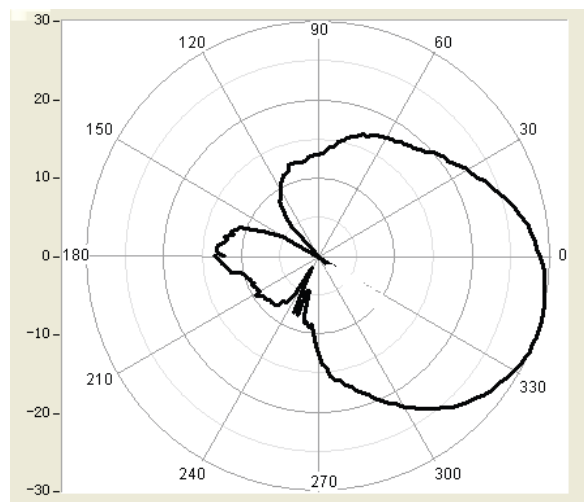


b 400MHz

E Plane(60°)

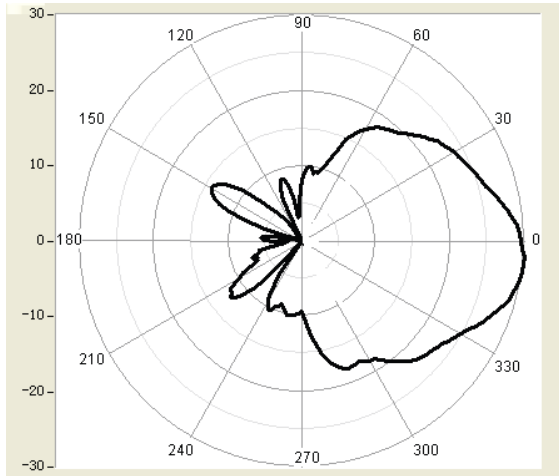


H Plane(53°)

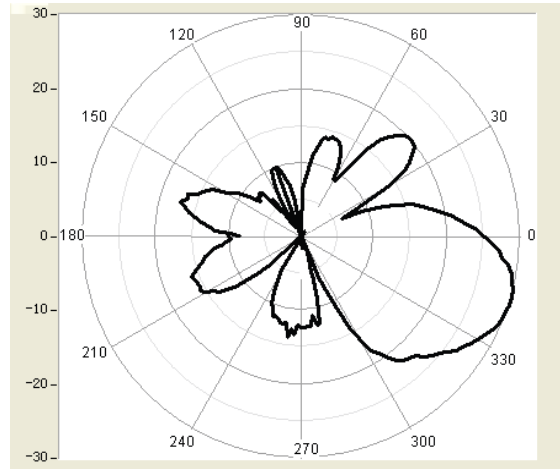


c 800MHz

E Plane(34°)

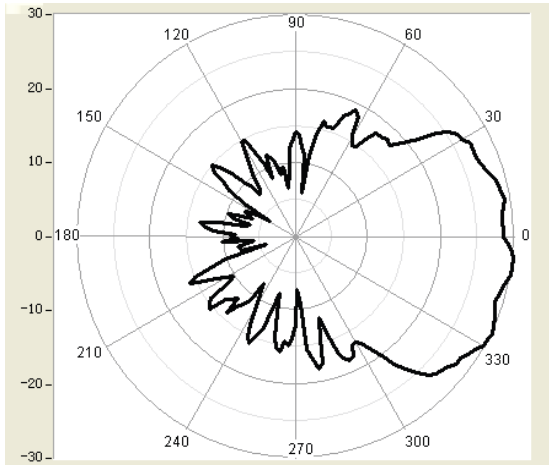


H Plane(30°)

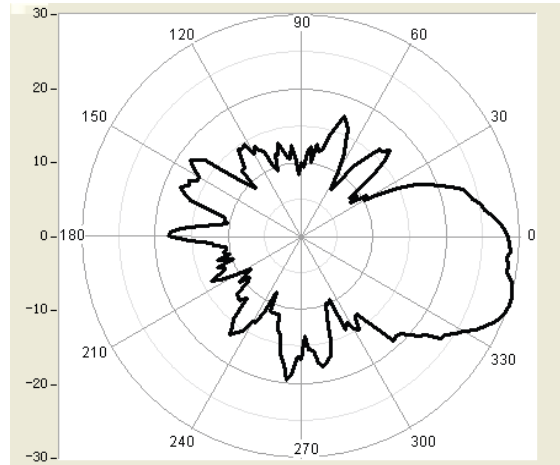


d 2000MHz

E Plane(60°)



H Plane(32°)



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