

Test Report

for 2.0~24.5GHz Broadband Horn Antenna



Model: HXATBDH20245

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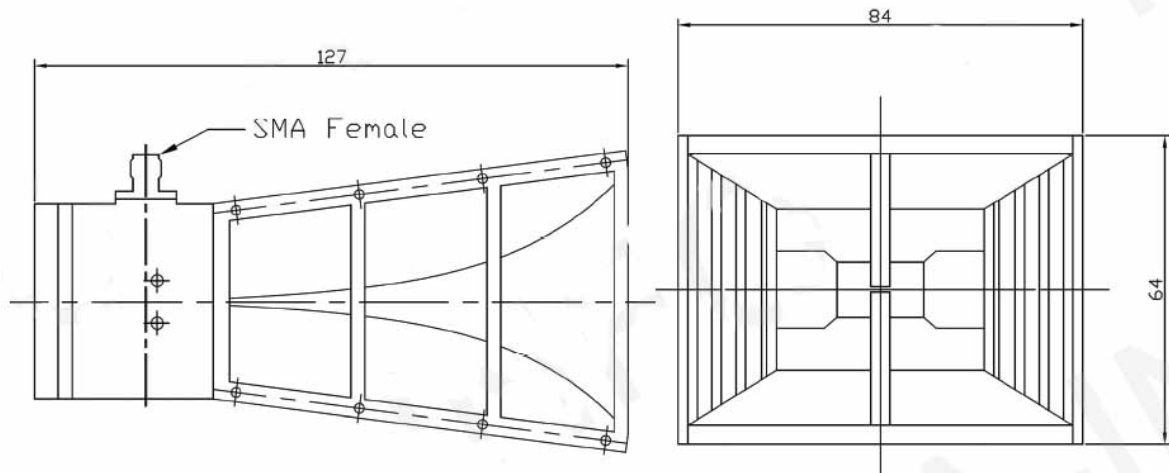
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Outline Drawing (Size: mm)



Technical Specification

Frequency Rang	VSWR	Gain	Connector	Size
2.0~24.5GHz	2.5:1	13dBi	N-Female	84mm×64mm×127mm

Test Instruments

Agilent 83630B
 HP8563E
 HP8720D

Test Results



1. Gain

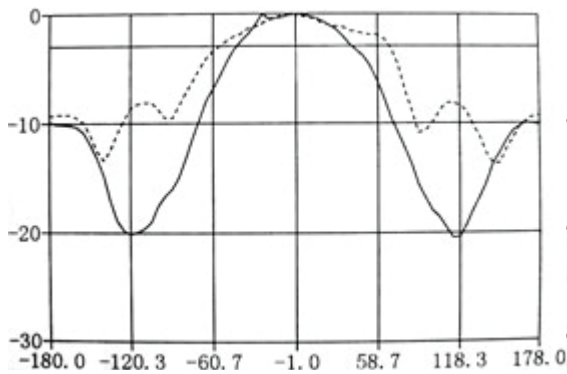
Frequency (GHz)	2.0	6.0	12.0	18.0	24.5
Gain (dBi)	7	11	13	13	15

2. Pattern

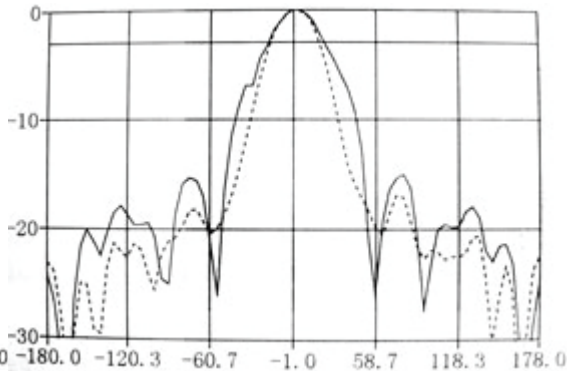
E Plane- - - - -

H Plane- - - - -

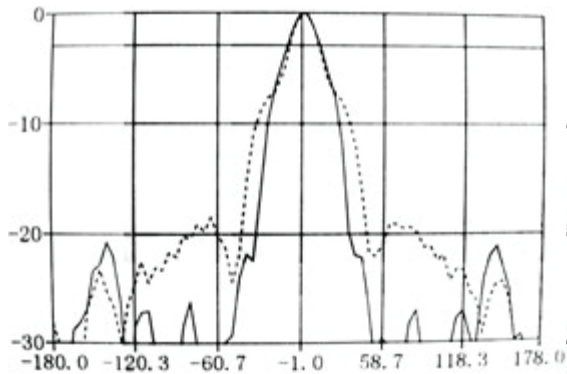
2000MHz(123° / 83°)



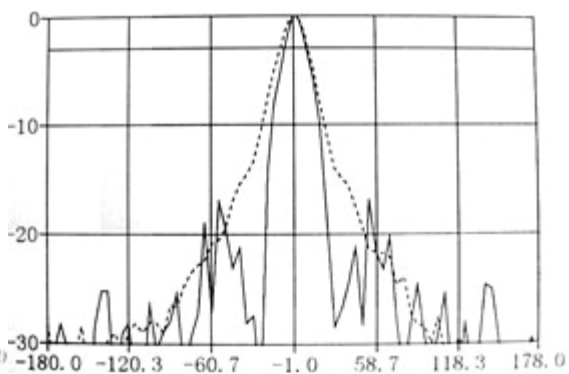
6000MHz(35° / 40°)



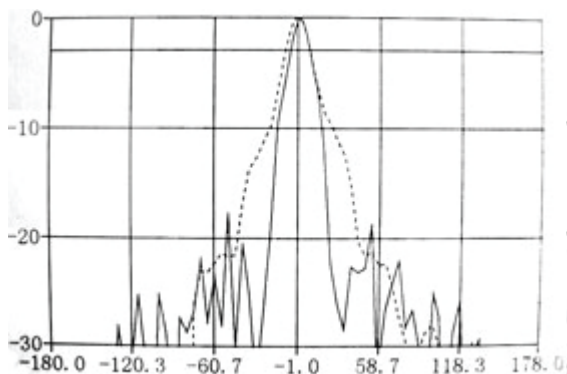
12000MHz(21° / 23°)



18000MHz(20° / 16°)



20000MHz(17° / 14°)



24500MHz(8° / 10°)

