

Test Report

for 1~8GHz Discone-type Antenna



Model: HXATBDDC100800

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Technical Specification

Frequency Rang	VSWR	Power CW	Connector	Size
1~8GHz	2:1	100W	SMA-Female	Φ 110mm×120mm

Test Instruments

Agilent 83630B
HP8563E
HP8720D

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Test Results

1. Gain

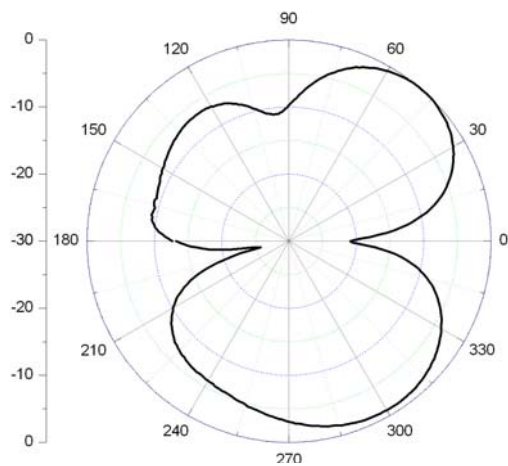


Frequency (GHz)	1	4	8
Gain (dBi)	0.4	1	1.5

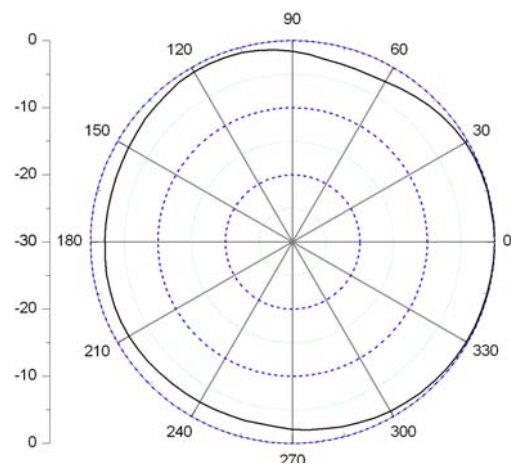
2. Pattern

1000MHz

E Plane

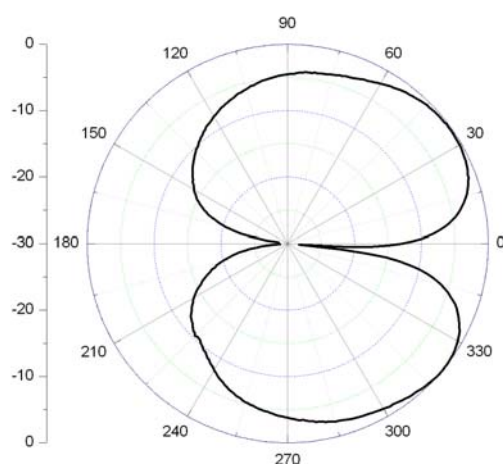


H Plane

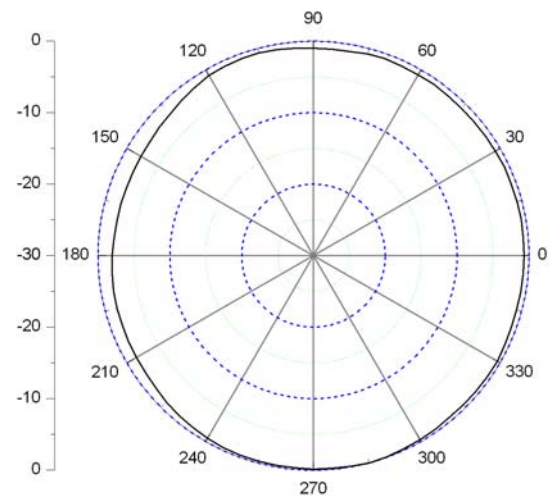


2000MHz

E Plane



H Plane



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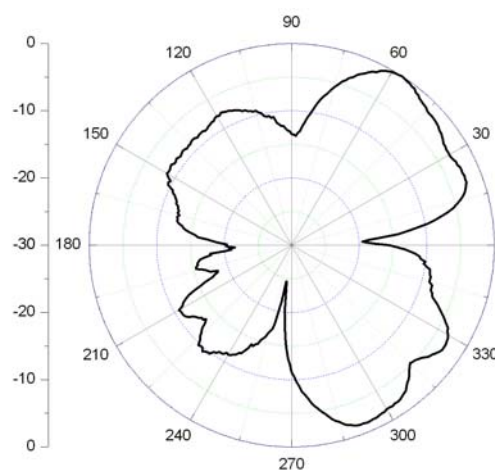
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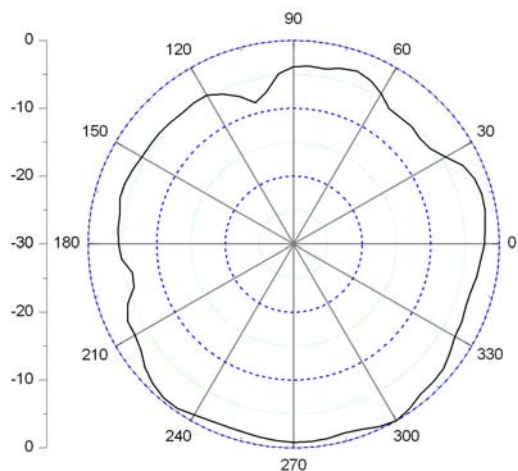
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4000MHz

E Plane

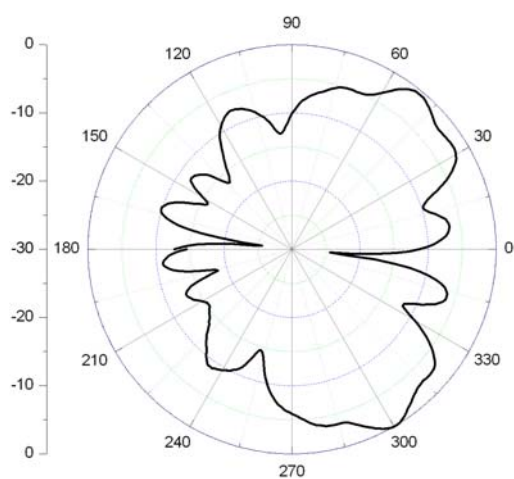


H Plane

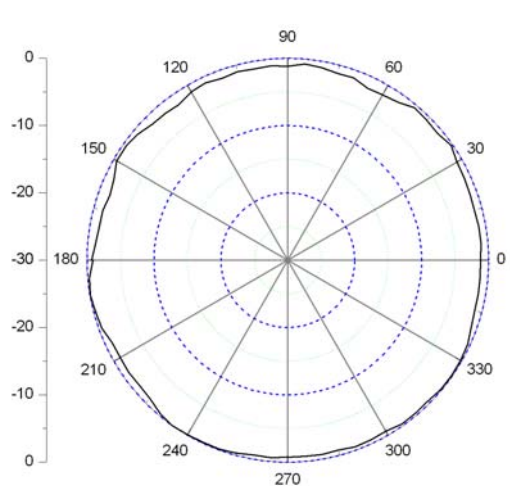


8000MHz

E Plane



H Plane



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