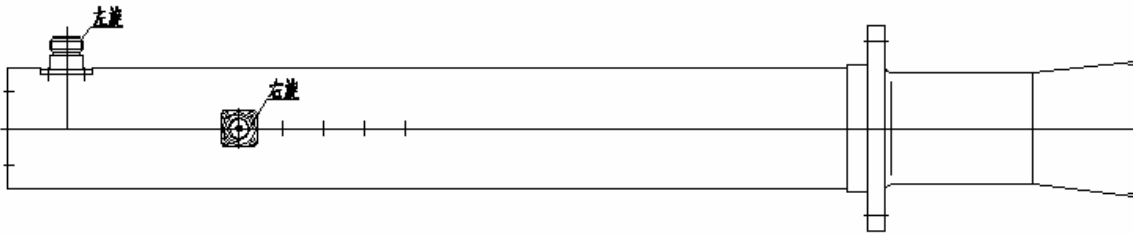


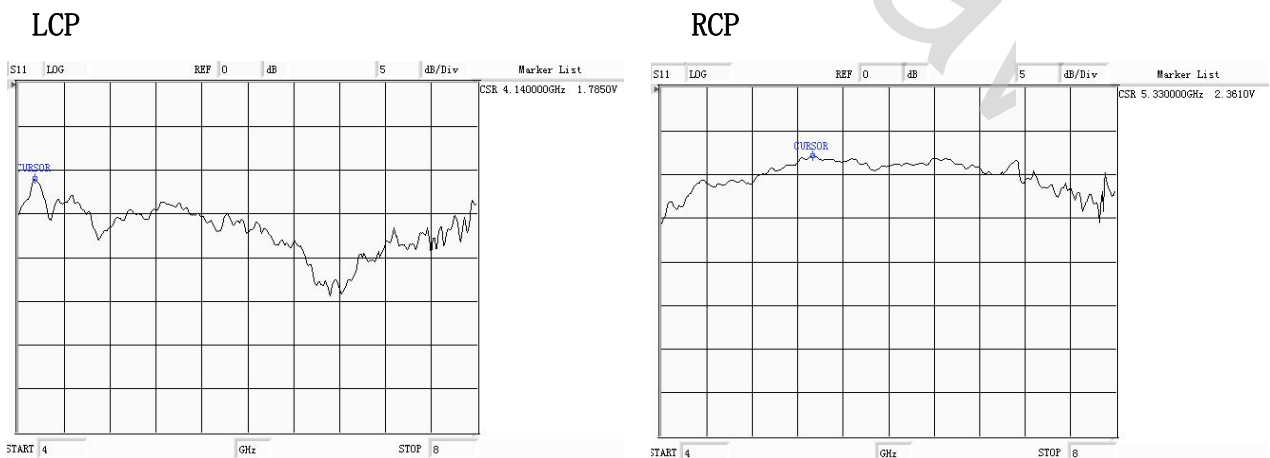
### 1、外形图：



### 2、性能指标：

序号	项目	指标要求
1	工作频率	<b>4GHz~8GHz</b>
2	驻波比	<b>&lt;2.5</b>
3	增益	<b>≥8dB</b>
4	隔离度	<b>≥15dB</b>
5	轴比	<b>&lt;5dB</b>
6	接口形式	<b>N 型接头</b>
7	输出信号	<b>双圆极化信号输出</b>

### 3、VSWR 实测值：



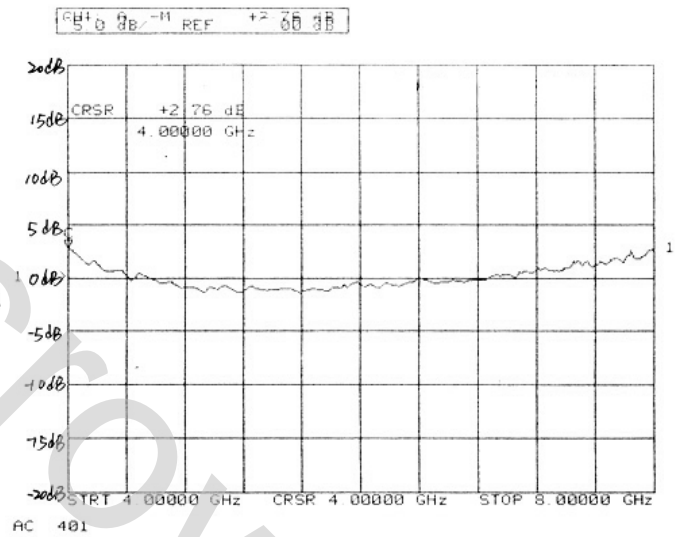
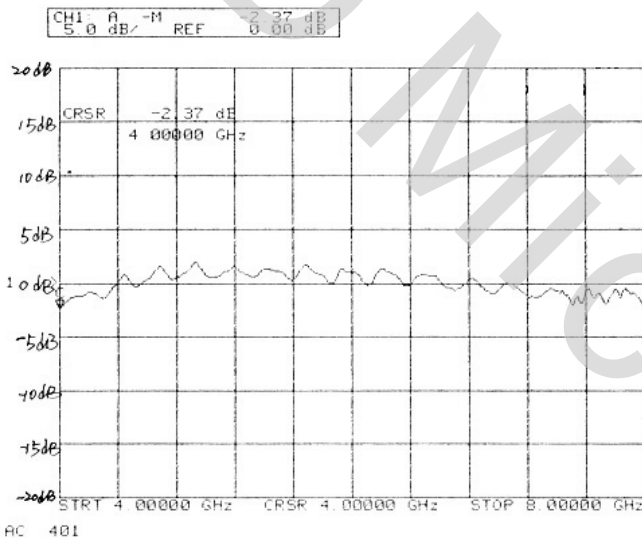
4、增益实测值:

F (GHz)		4	5	6	7	8
Gain (dB)	LCP	8.4	11.2	13.0	13.5	12.8
	RCP	8.2	11.0	13.2	12.8	14.5

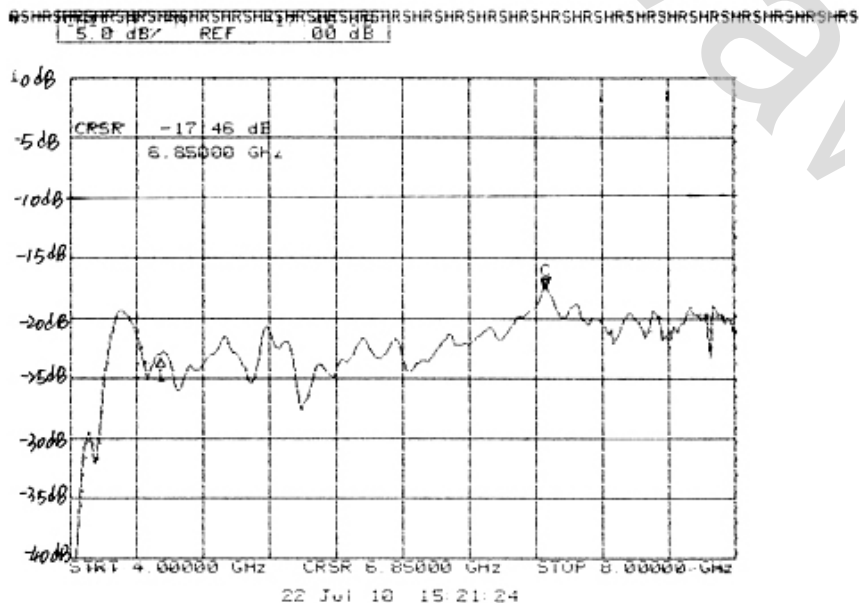
5、轴比实测值:

LCP

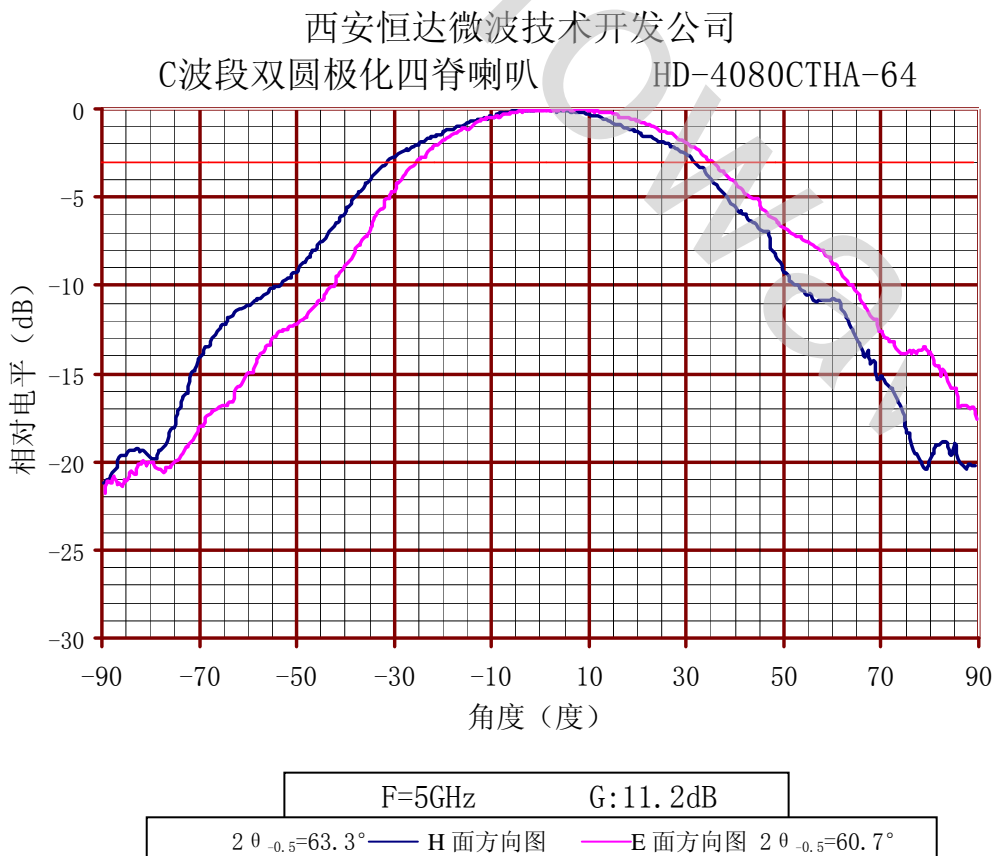
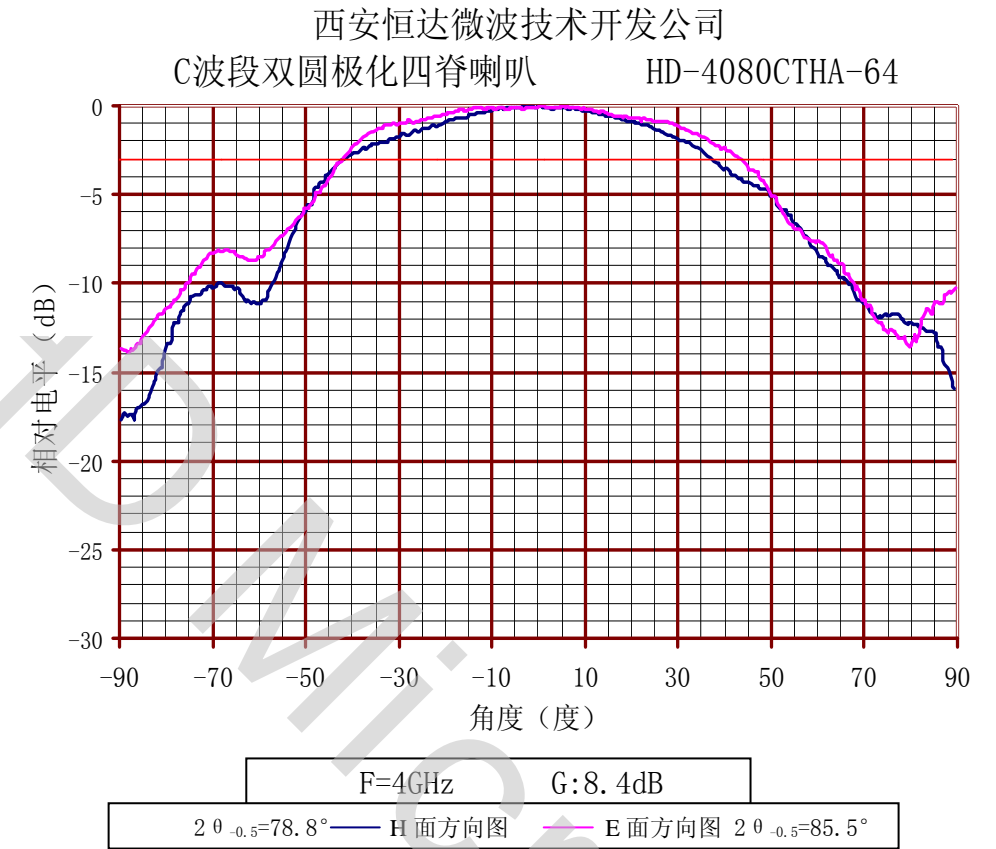
RCP



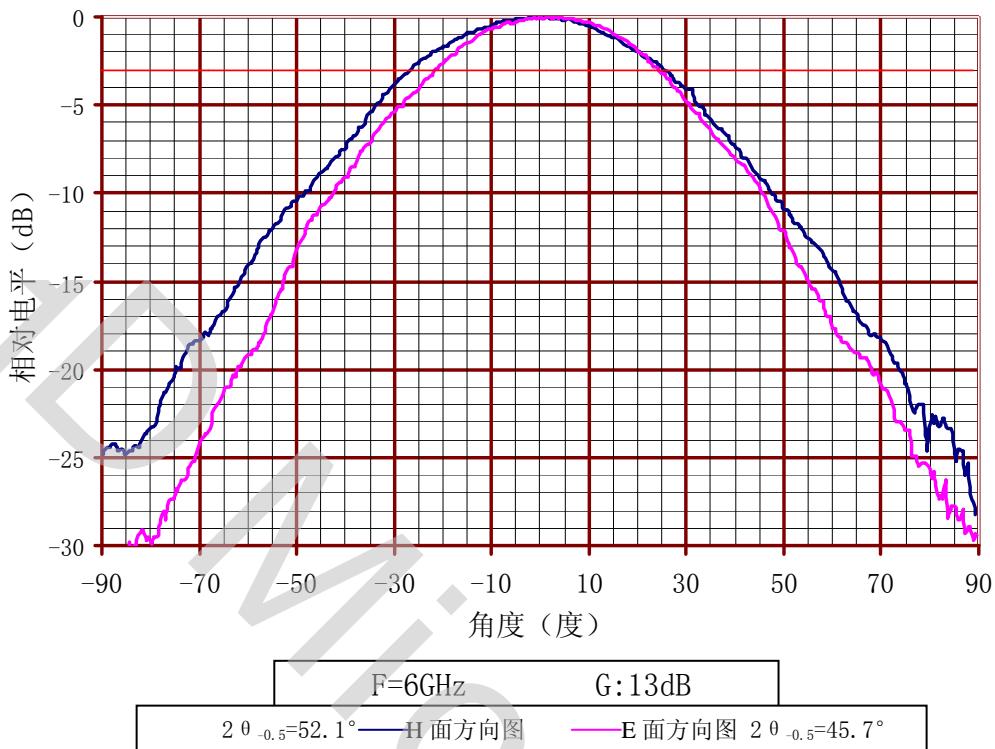
6、隔离度实测值:



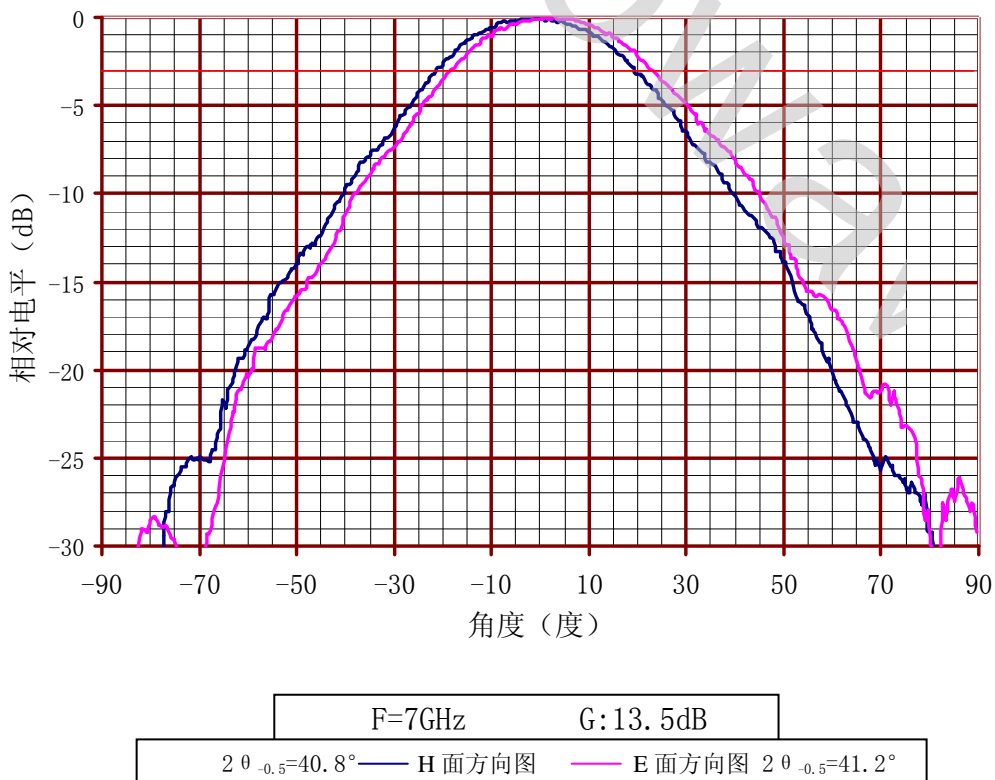
7、LCP 方向图:



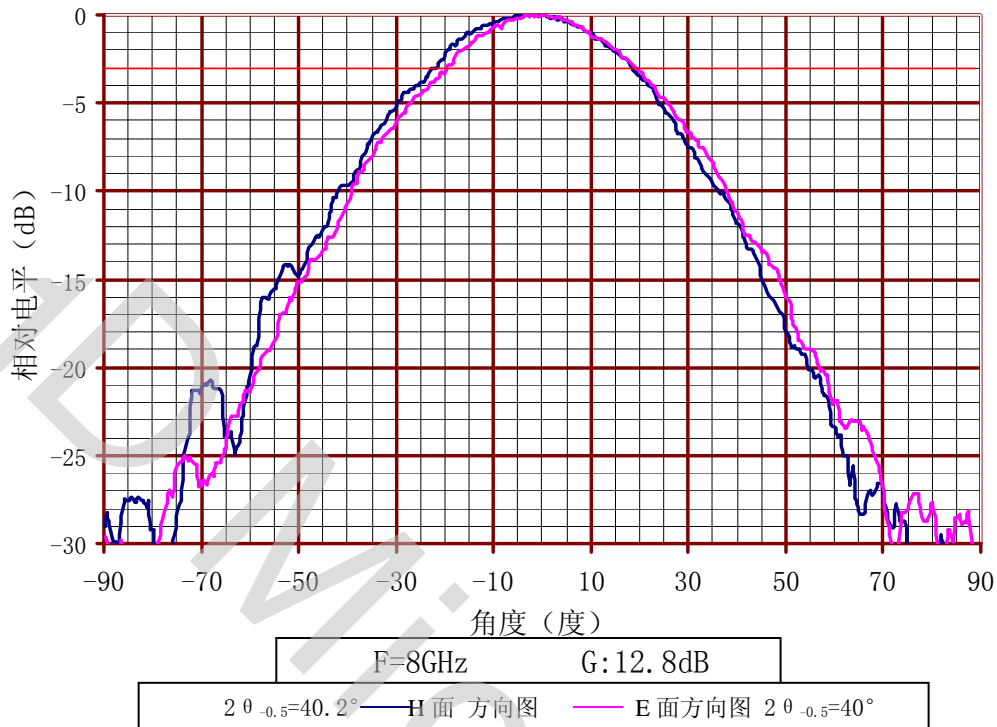
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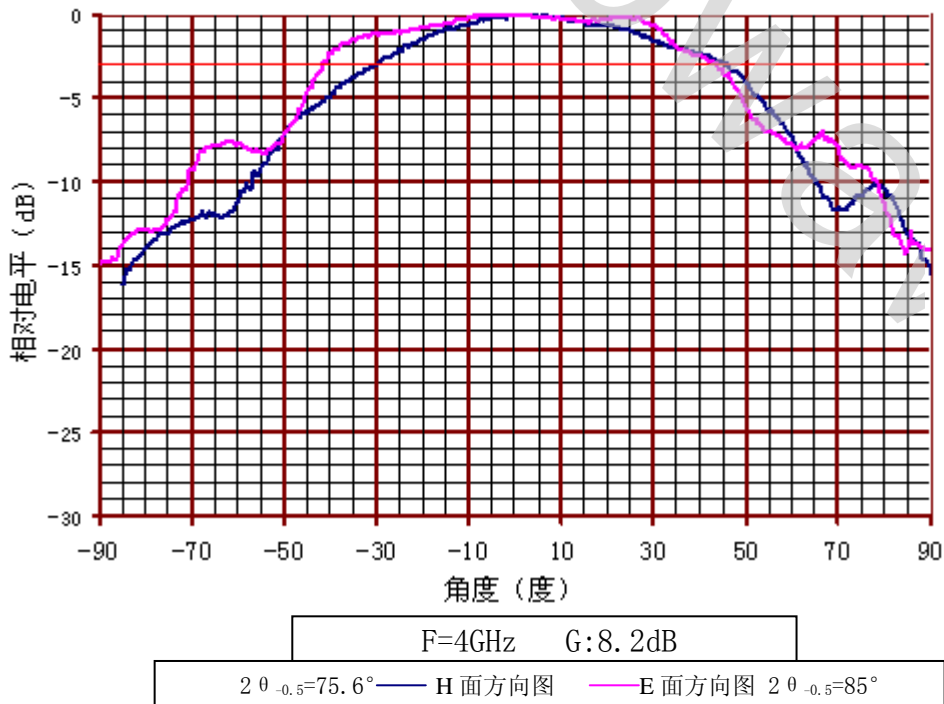


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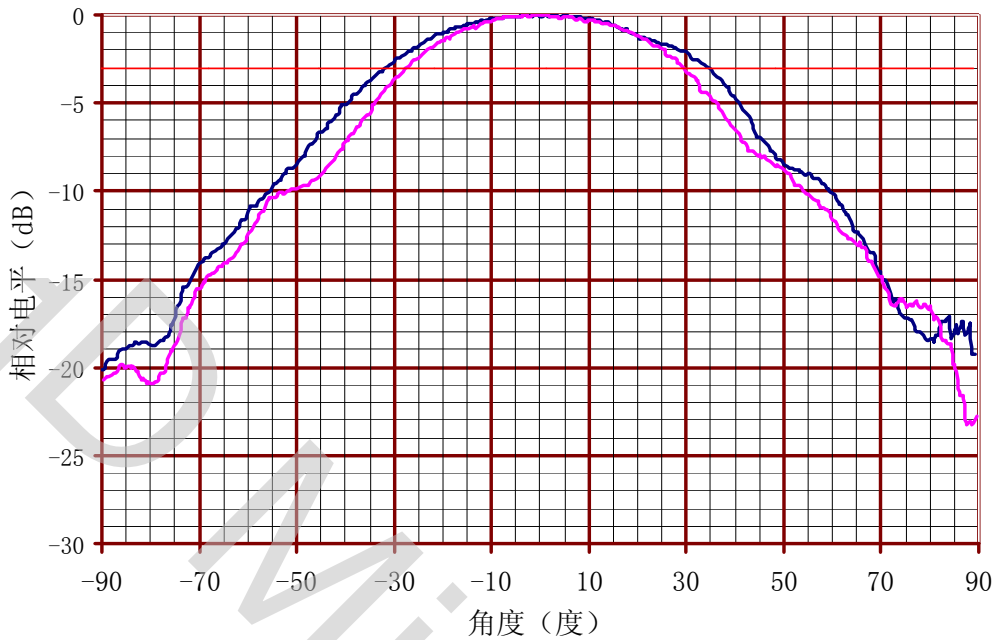


8、RCP 方向图:

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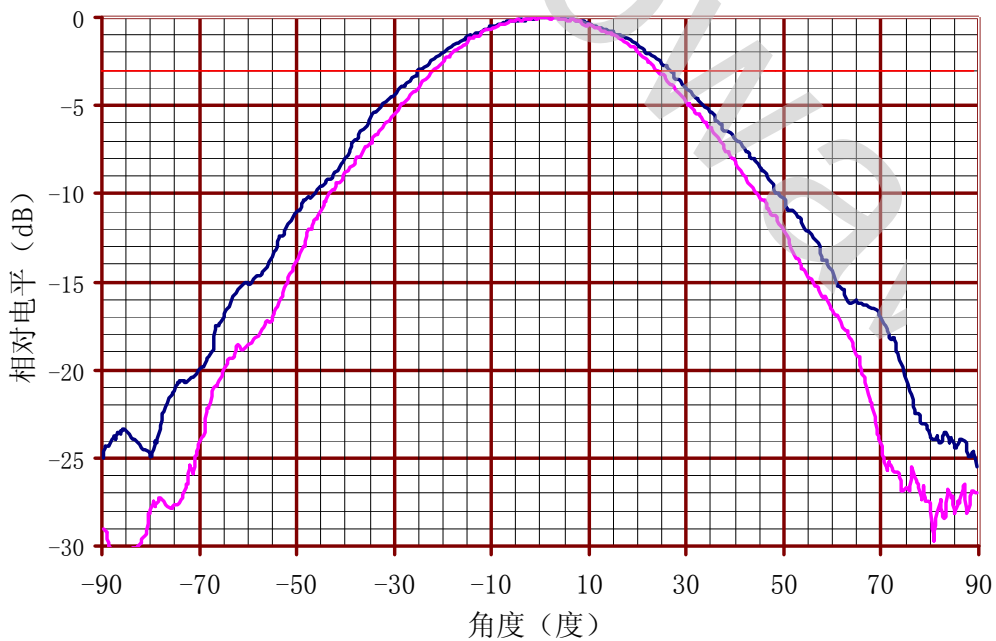


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C波段双圆极化四脊喇叭 HD-4080CTHA-64



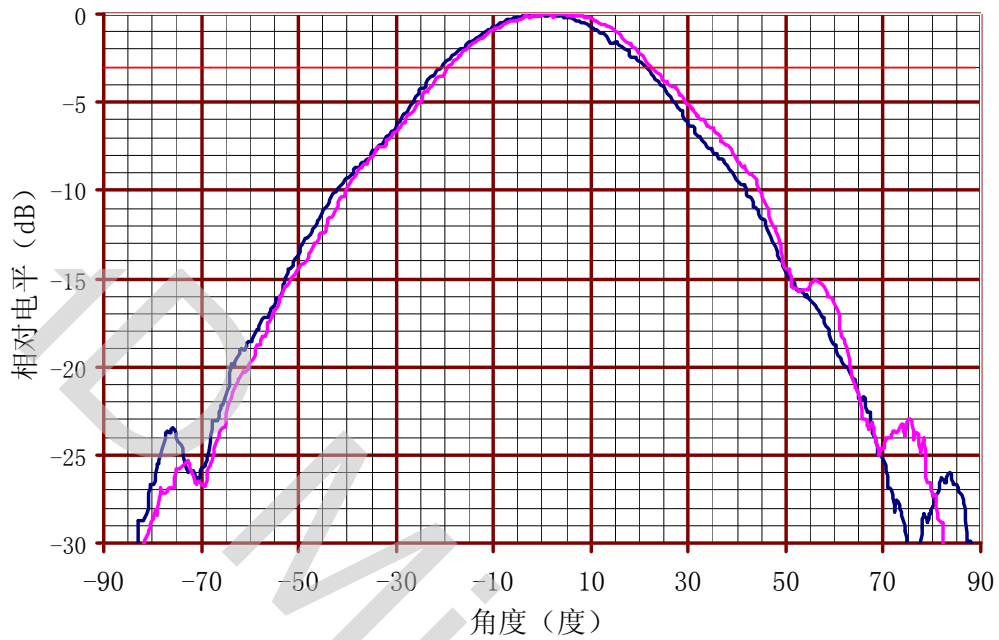
F=5GHz G:11dB  
 $2\theta_{-0.5}=66.7^\circ$  — H面方向图     $2\theta_{-0.5}=57.2^\circ$  — E面方向图

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F=6GHz G:13.2dB  
 $2\theta_{-0.5}=50.9^\circ$  — H面方向图     $2\theta_{-0.5}=45.3^\circ$  — E面方向图

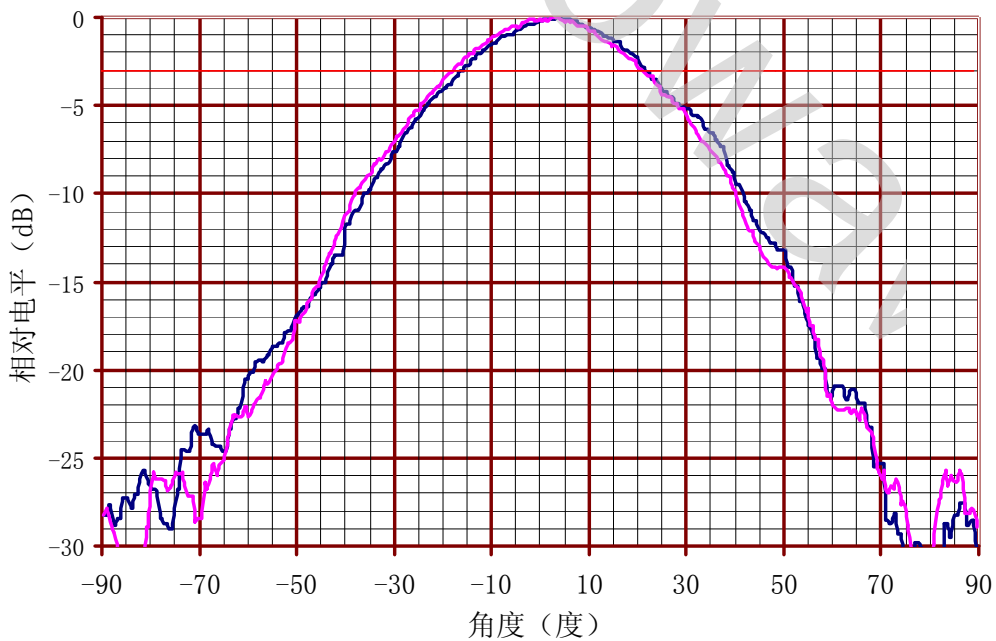
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F=7GHz G:12.8dB

2θ<sub>-0.5</sub>=41.7° — H 面方向图 — E 面方向图 2θ<sub>-0.5</sub>=42.1°

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F=8GHz G:14.5dB

2θ<sub>-0.5</sub>=37.8° — H 面方向图 — E 面方向图 2θ<sub>-0.5</sub>=39.3°