泰莱微波
Talent Microwave

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Dual Ridged Horn Antenna

2.92mm/18-40GHz

Model:TL-180400DRHA20K

TL-180400DRHA20K is a dual ridged horn antenna that operates from 18 GHz to 40 GHz. The input of this antenna is a coax adapter structure with 2.92mm female. The standard gain horn is offered for antenna range calibration purpose mainly, but it can be also used for general purpose system set ups.

Features:

- Operating Frequency 18 to 40 GHz
- Good Impedance Match

Applications:

- Antenna Ranges
- Antenna Gain Measurements
- System Setups

电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency Range	18		40	GHz
驻波 Input VSWR			2.5	:1

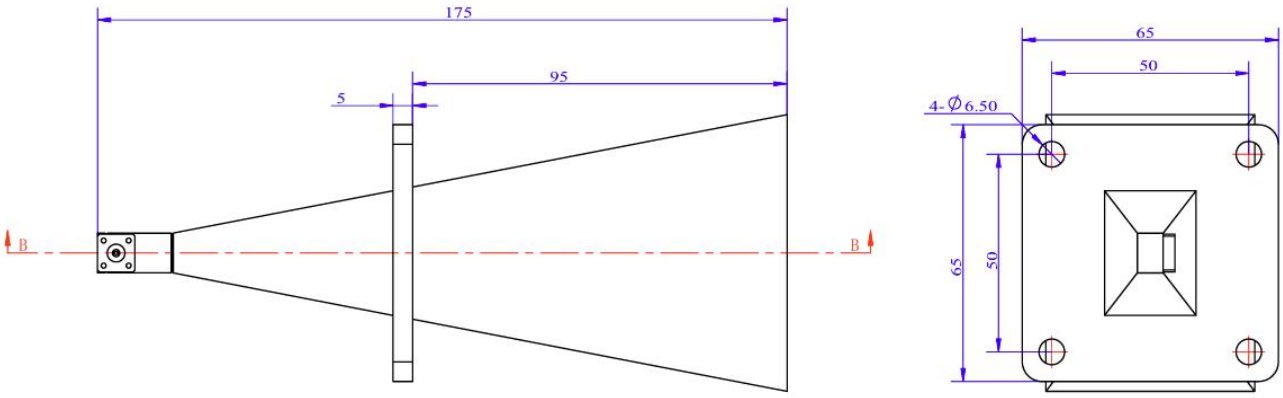
环境和机械特性 Envrionmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
材质 Material	Aluminum	
表面处理 Finish	Conductive oxidation, spray white paint	
接口 Connectors	2.92mm Female	
尺寸 Size	175*65*65	mm

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外形图 Outline Drawing:

Unit:mm; Tolerance:±0.1mm

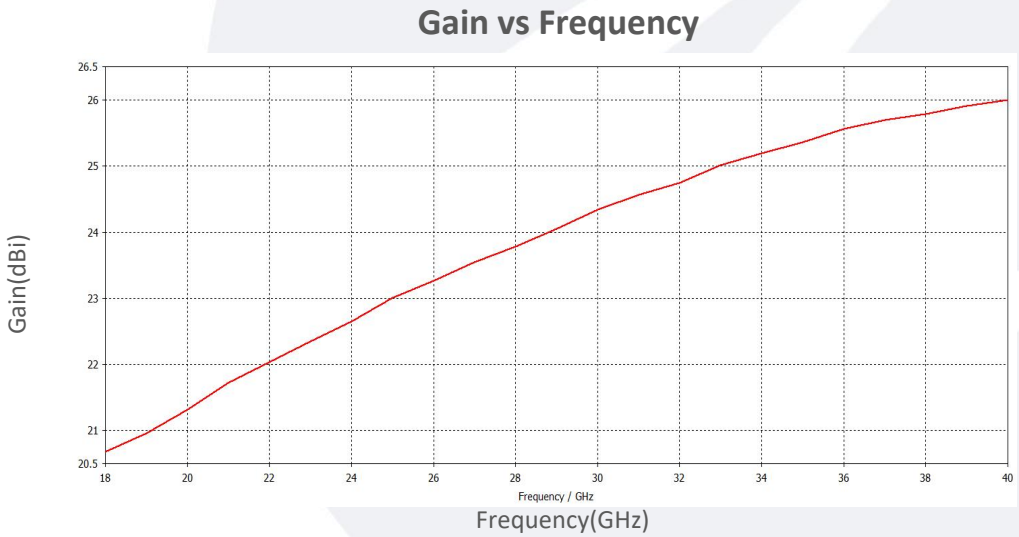


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TL-180400DRHA20K	Dual Ridged Horn Antenna, 18-40GHz.	Rev.1.1

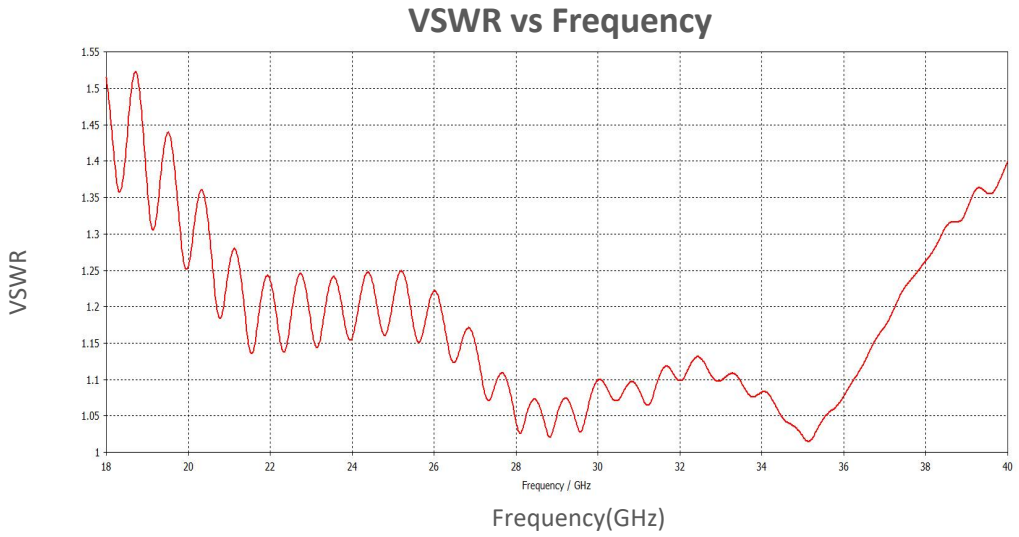
典型曲线 Typical Performance Data:



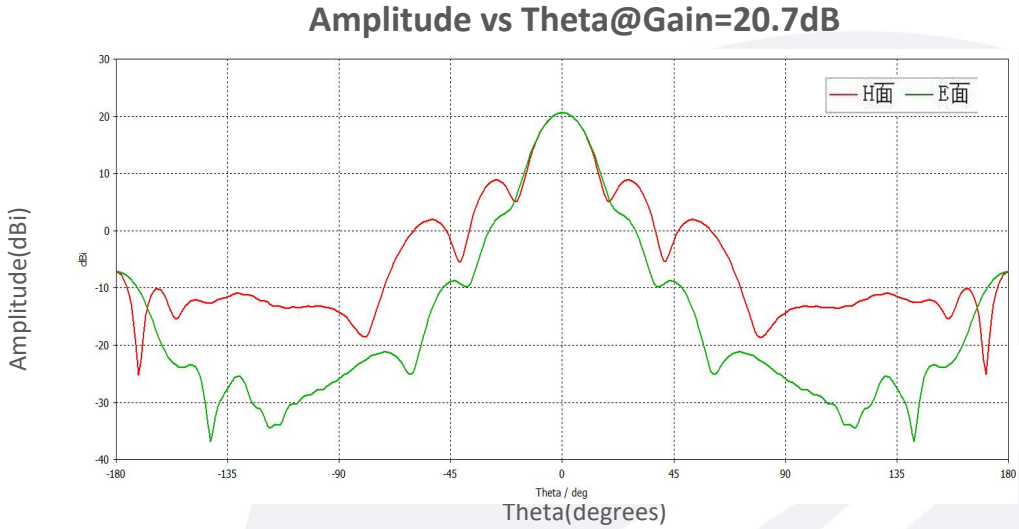
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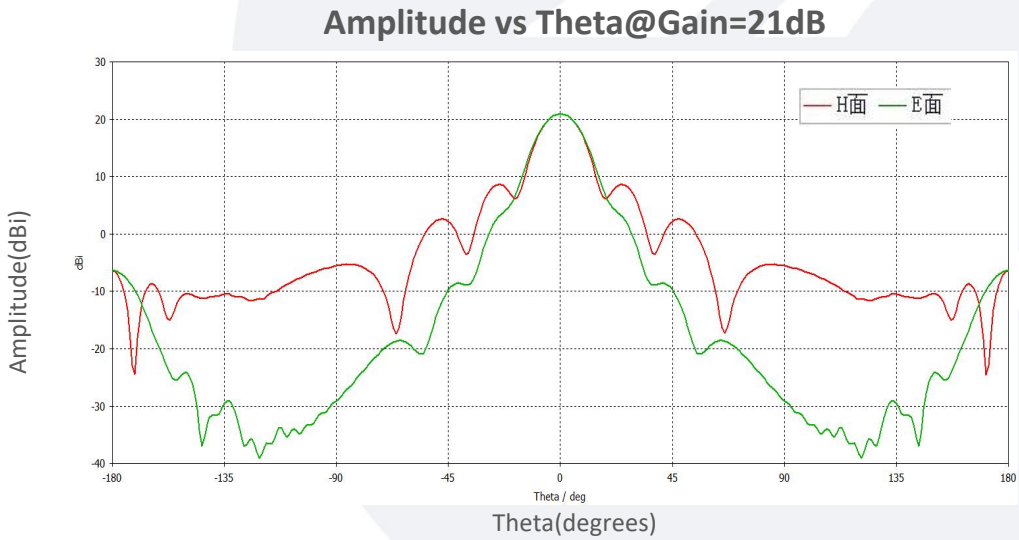
典型曲线 Typical Performance Data:



18GHz:



19GHz:

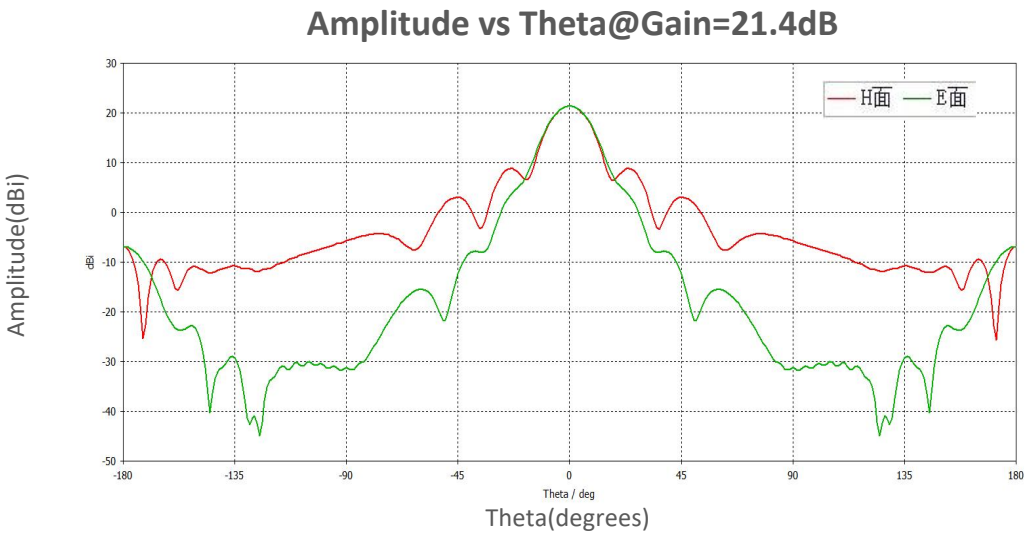


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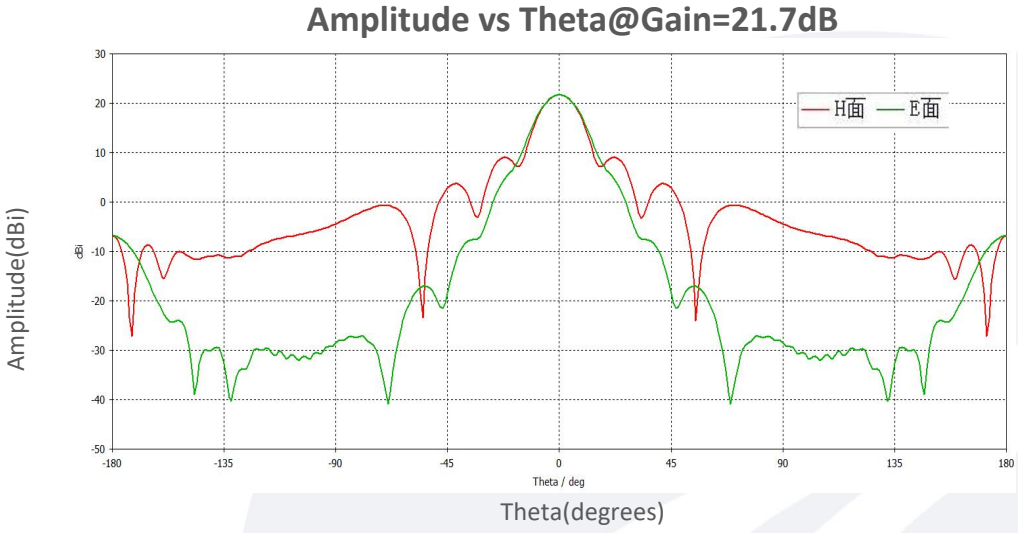
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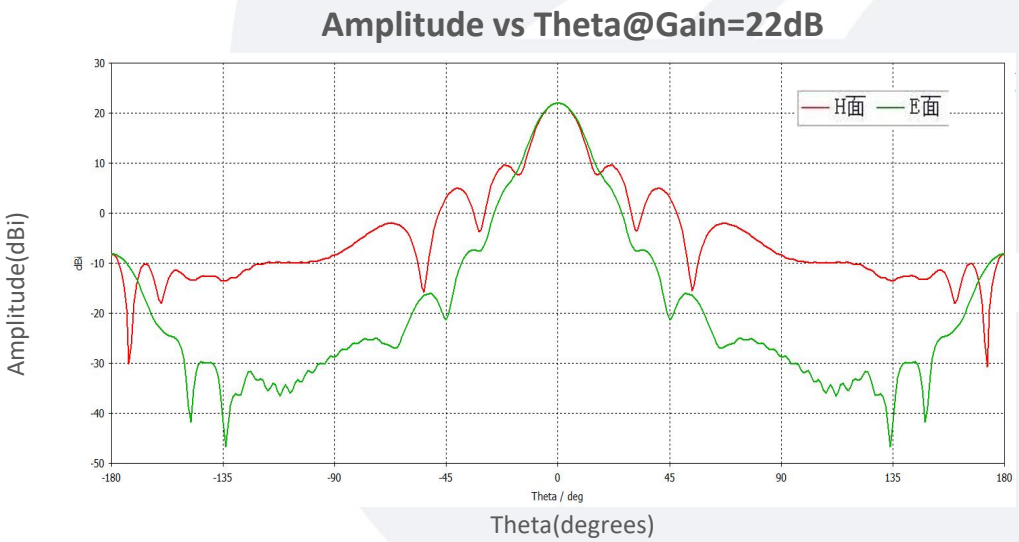
20GHz:



21GHz:



22GHz:

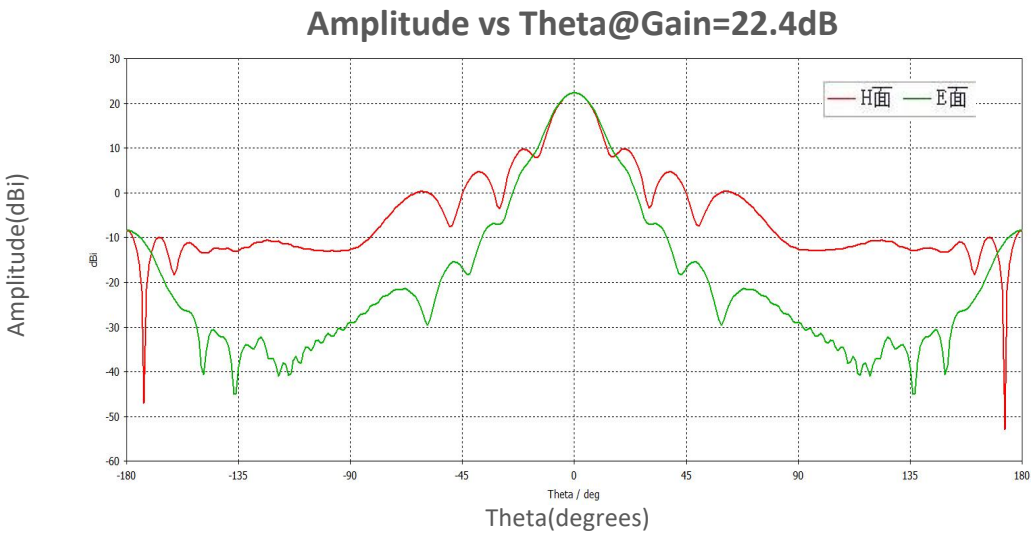


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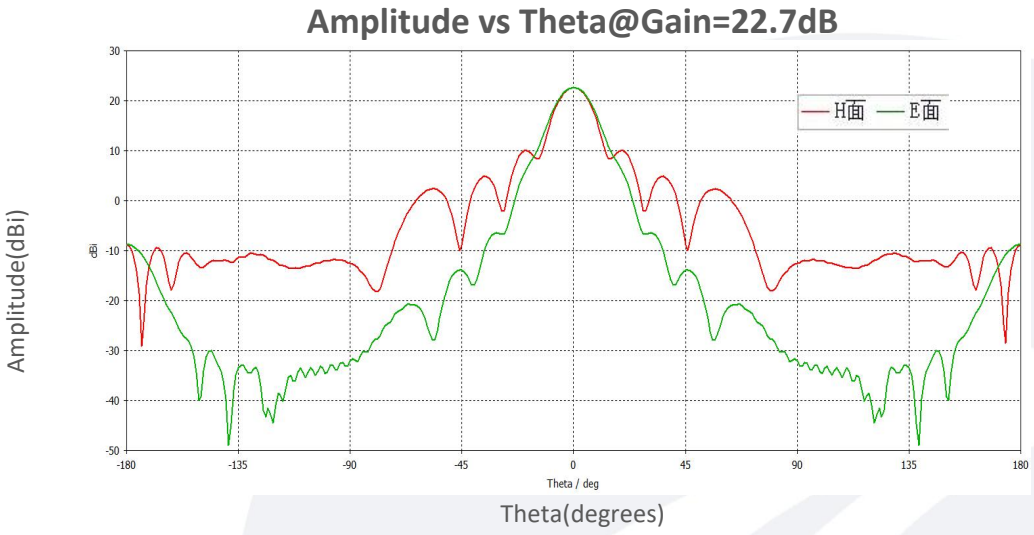
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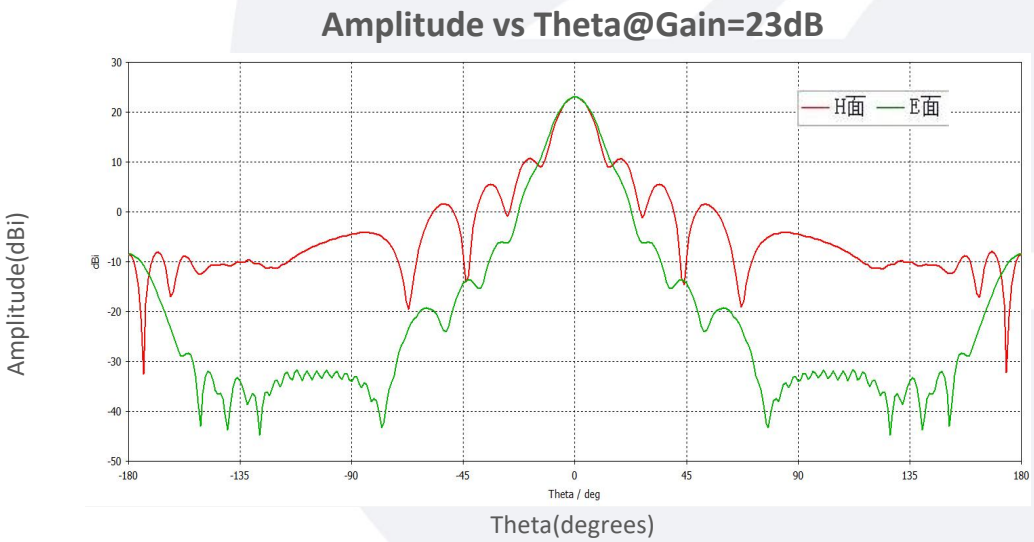
23GHz:



24GHz:



25GHz:

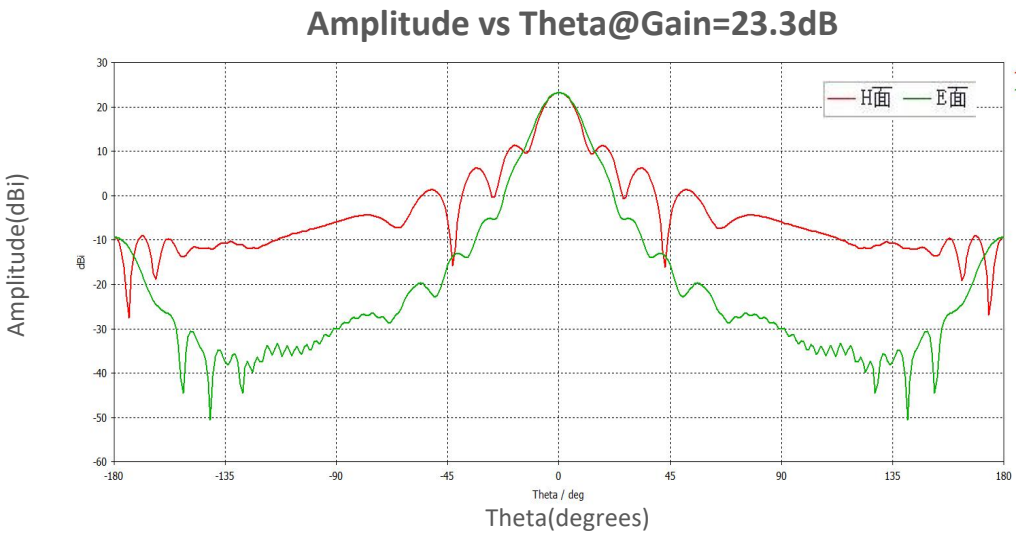


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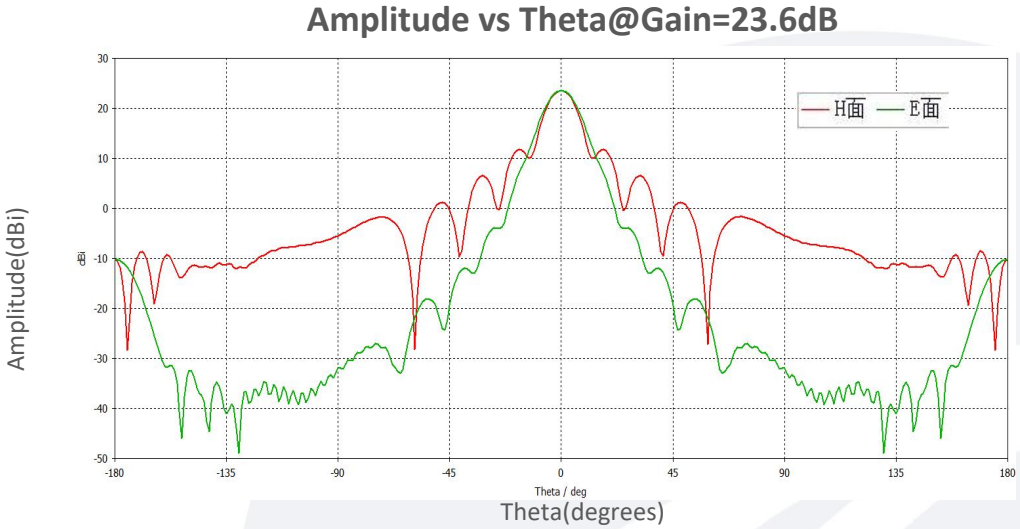
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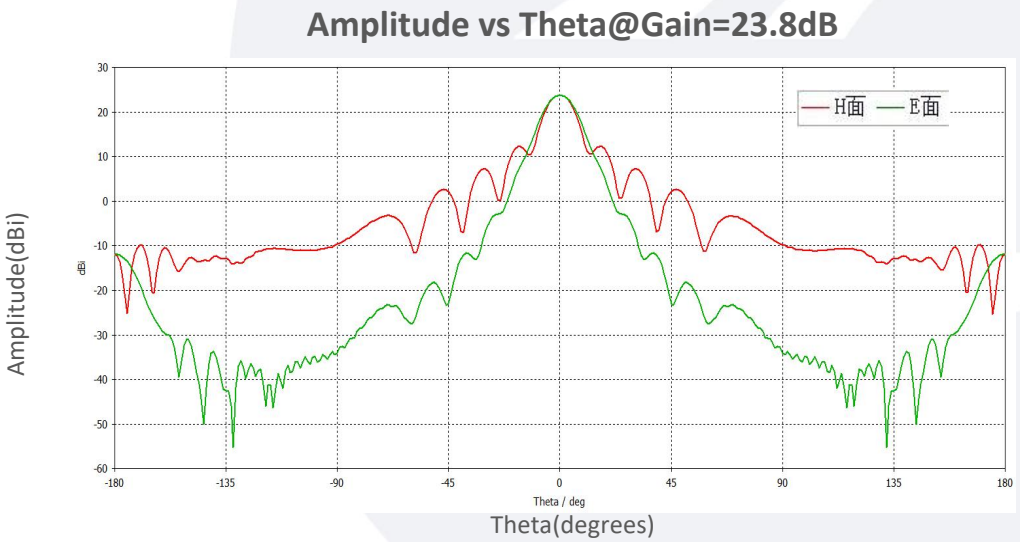
26GHz:



27GHz:



28GHz:

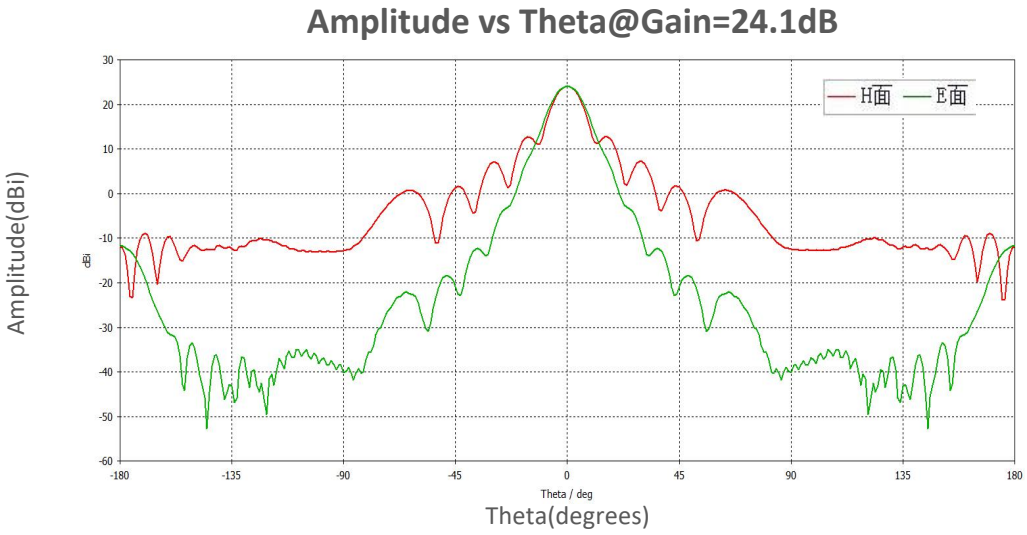


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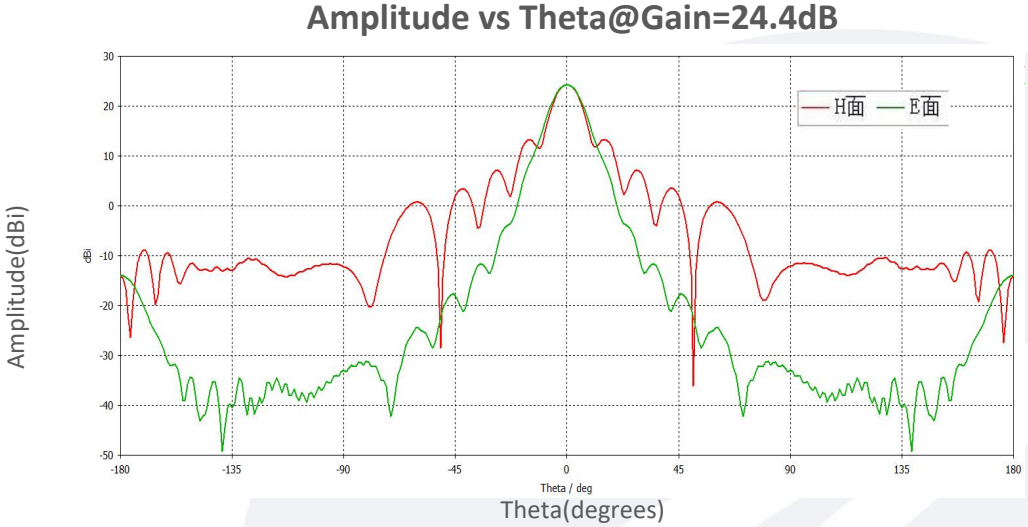
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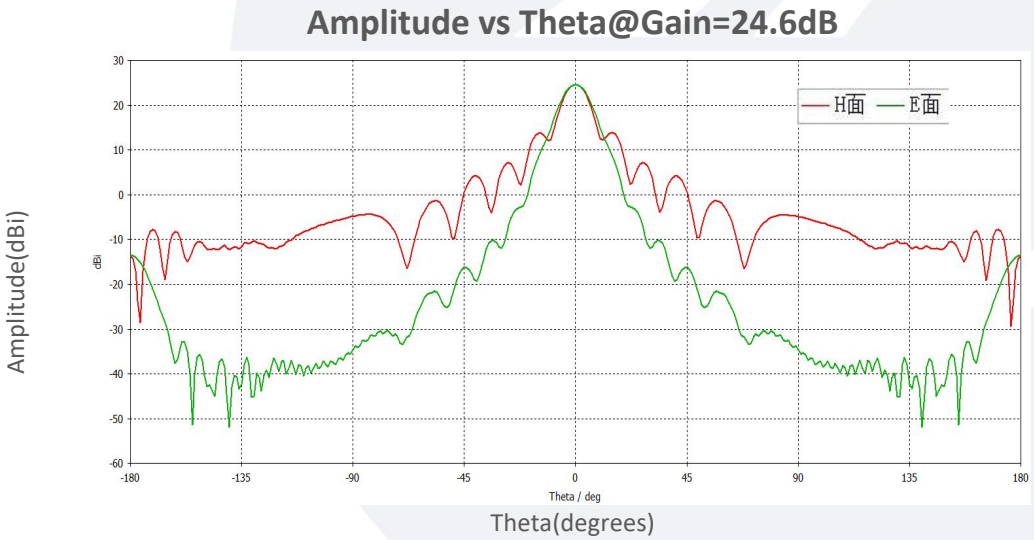
29GHz:



30GHz:



31GHz:

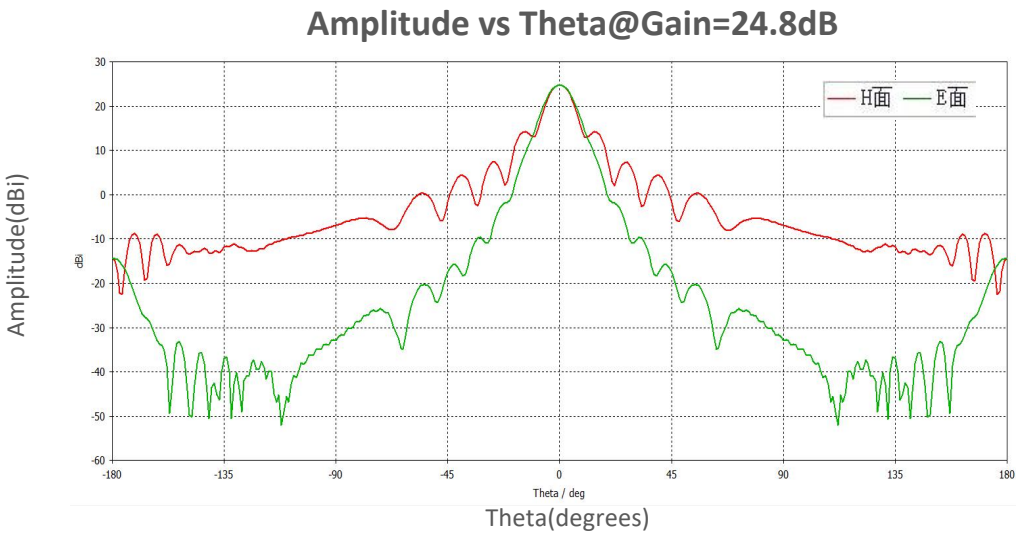


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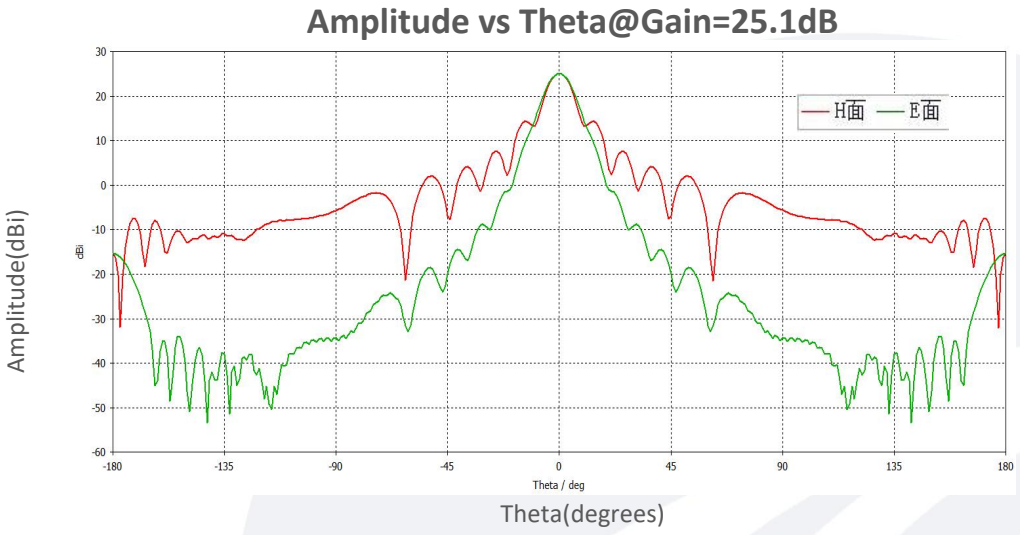
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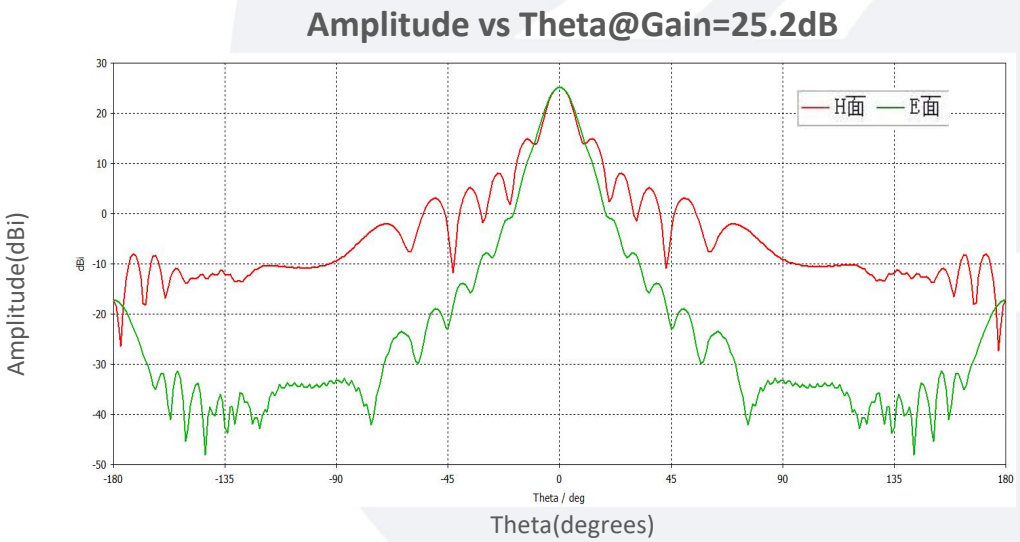
32GHz:



33GHz:



34GHz:

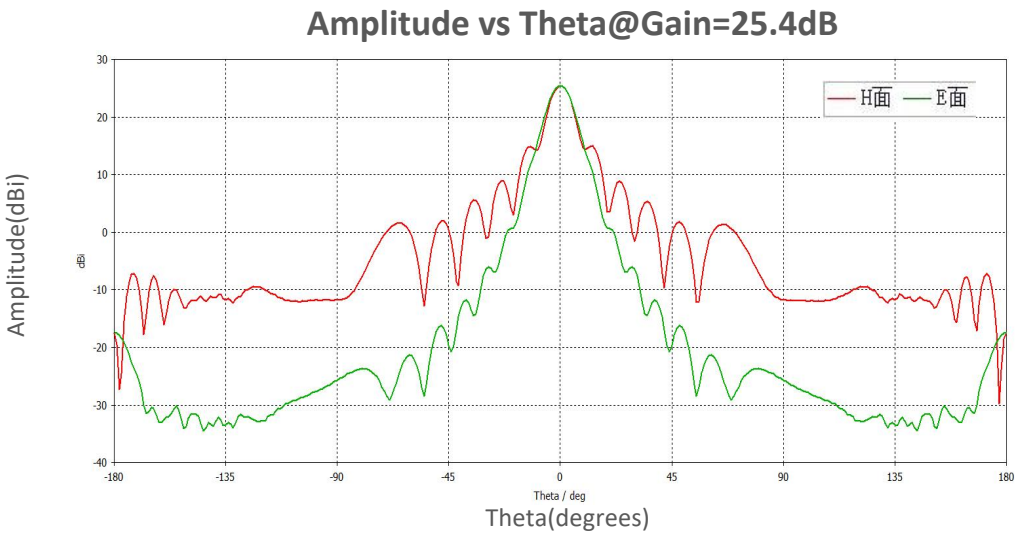


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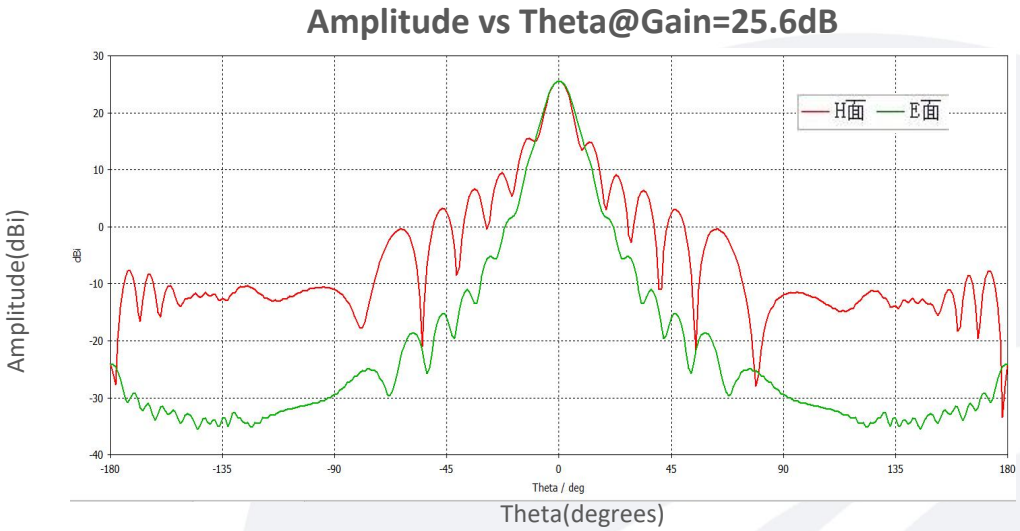
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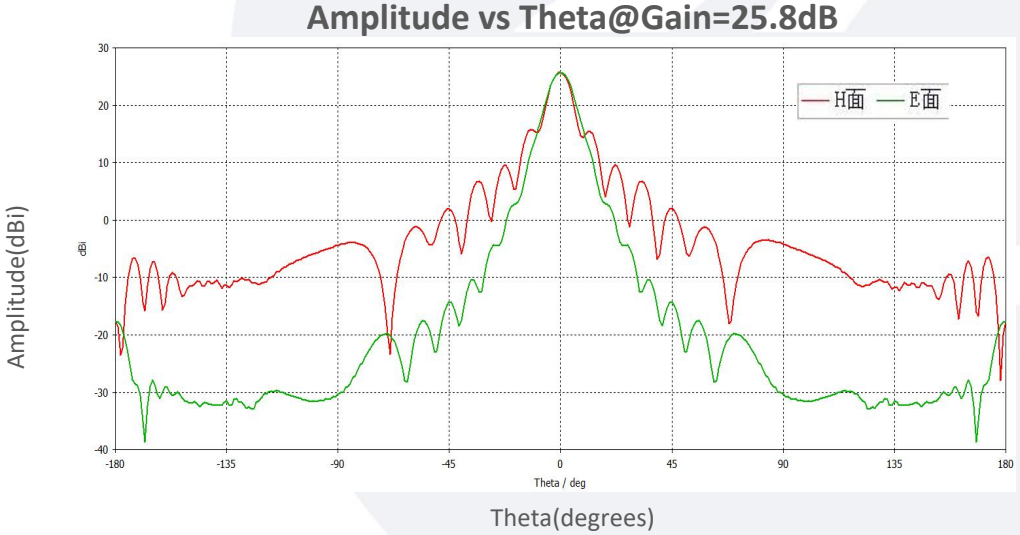
35GHz:



36GHz:



37GHz:

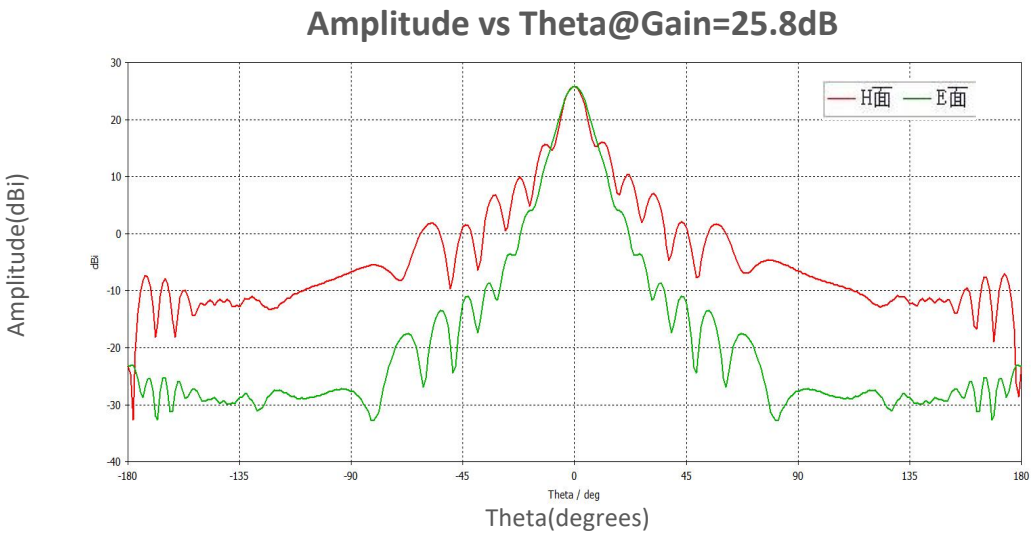


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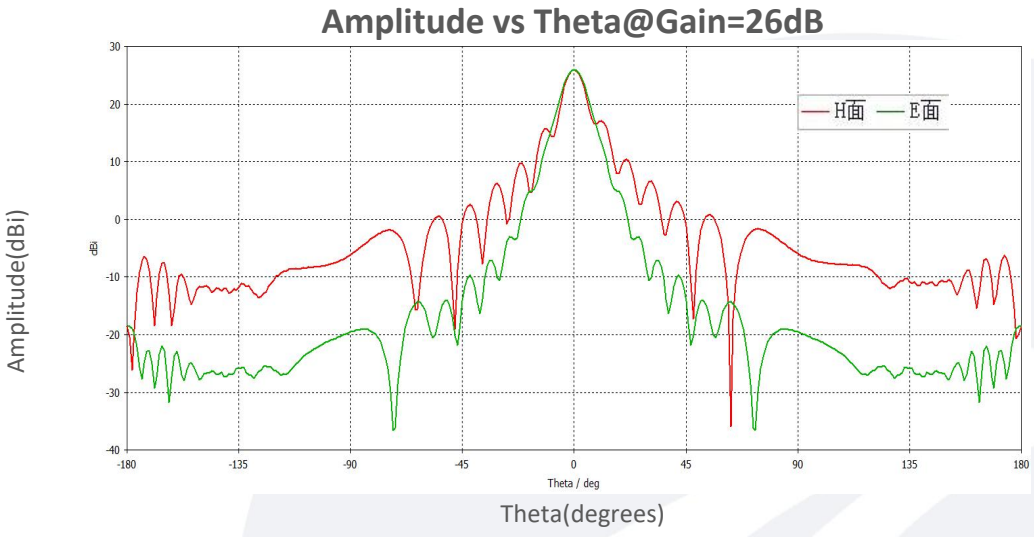
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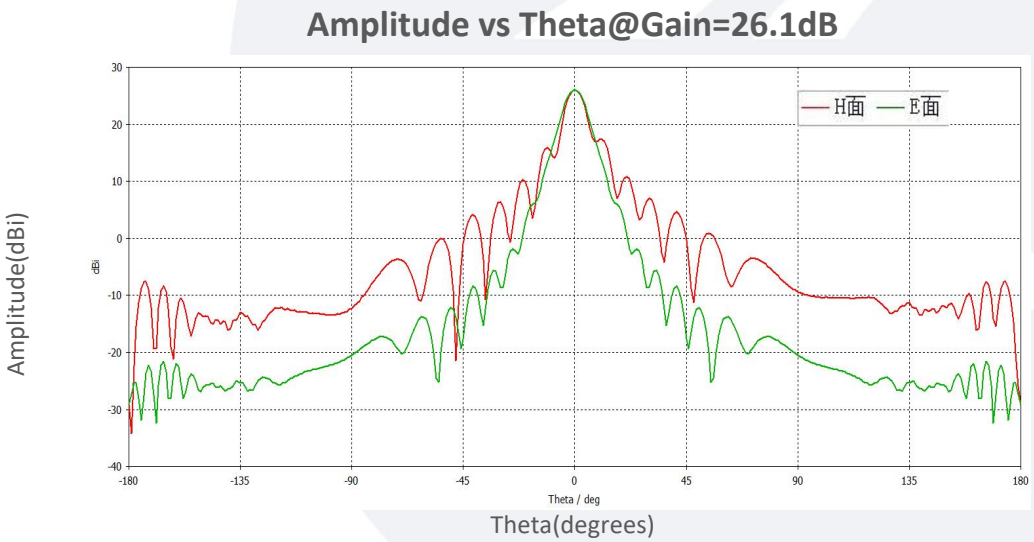
38GHz:



39GHz:



40GHz:



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