Suzhou Talent Microwave,Inc
sales@talentmw.com
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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

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Frequency Range	18		40	GHz
Input VSWR			2.5	:1

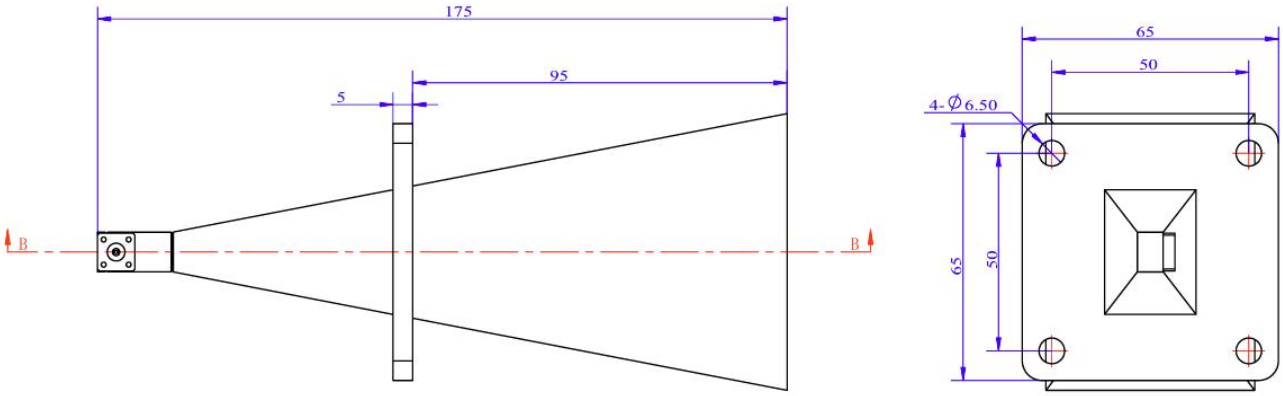
Envrionmental And Physical Characteristics:

Description	Parameter	Units
Material	Aluminum	
Finish	Conductive oxidation, spray white paint	
Connectors	2.92mm Female	
Size	175*65*65	mm

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Outline Drawing:

Unit:mm; Tolerance:±0.1mm

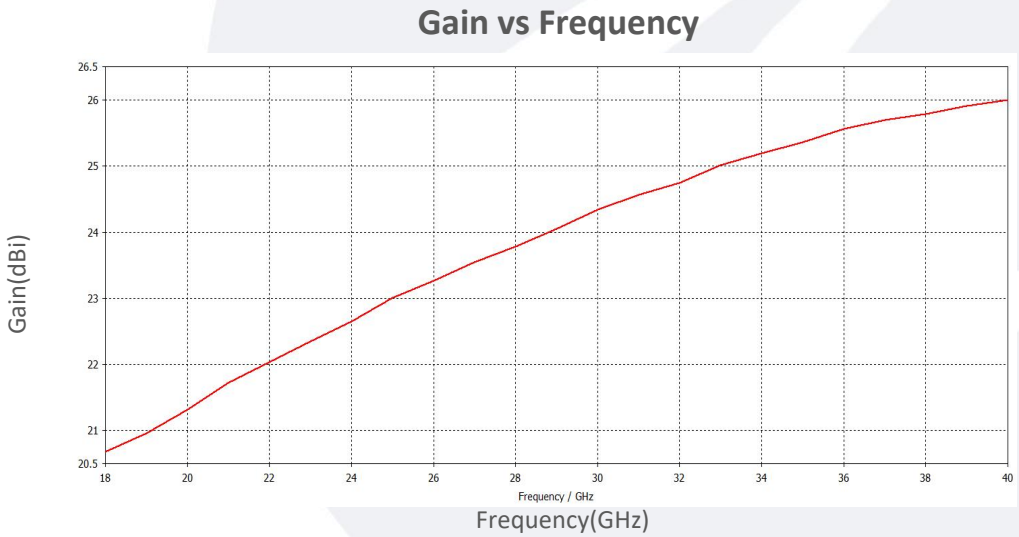


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TL-180400DRHA20K	Dual Ridged Horn Antenna, 18-40GHz.	Rev.1.1

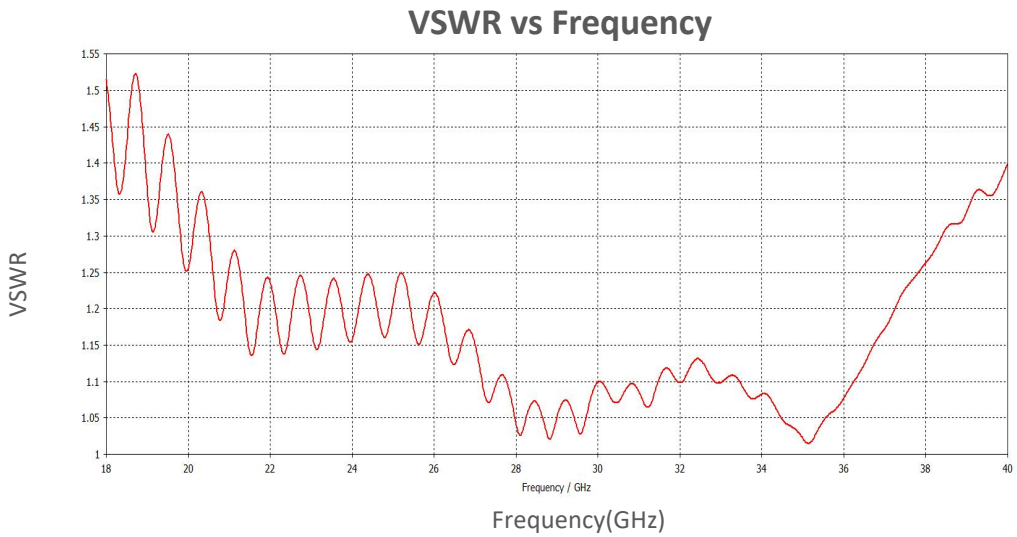
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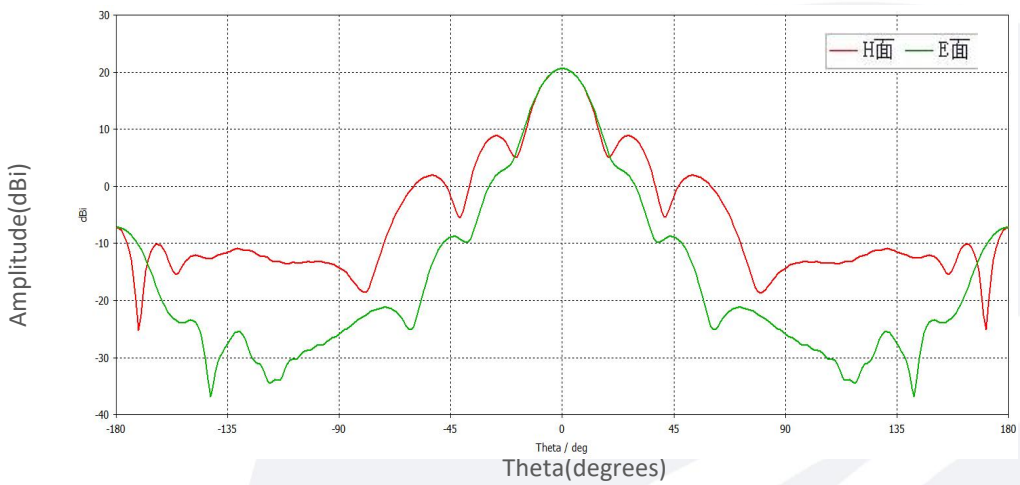
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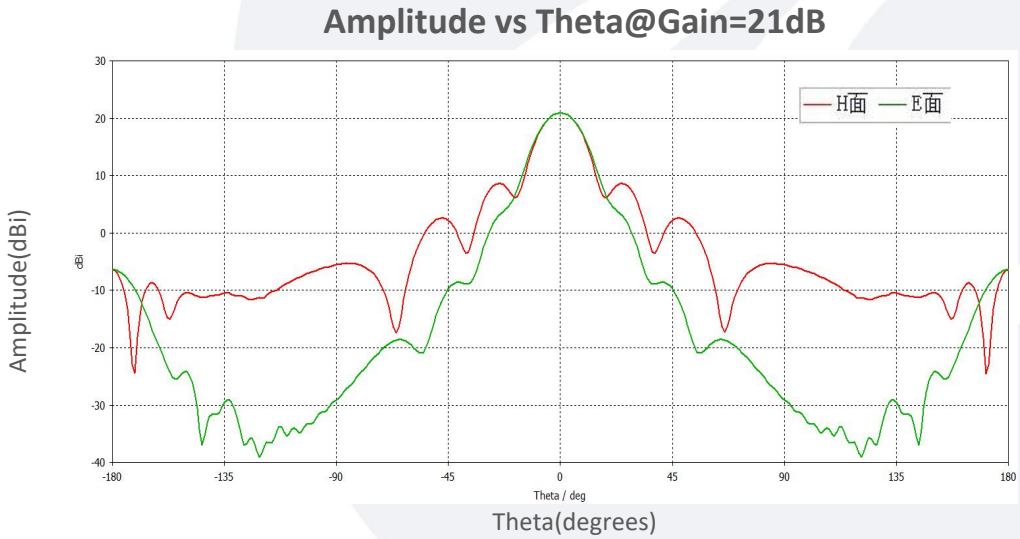
Typical Performance Data:



18GHz:



19GHz:

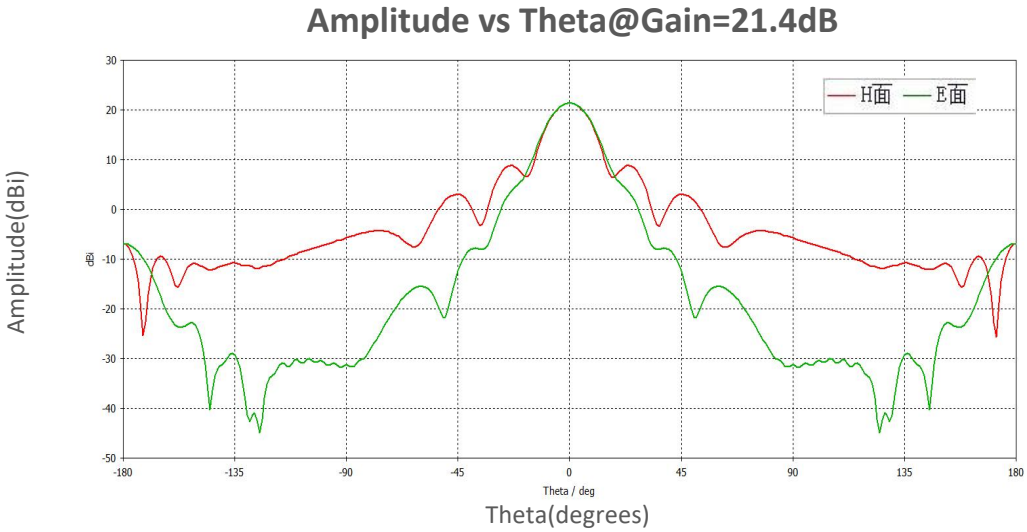


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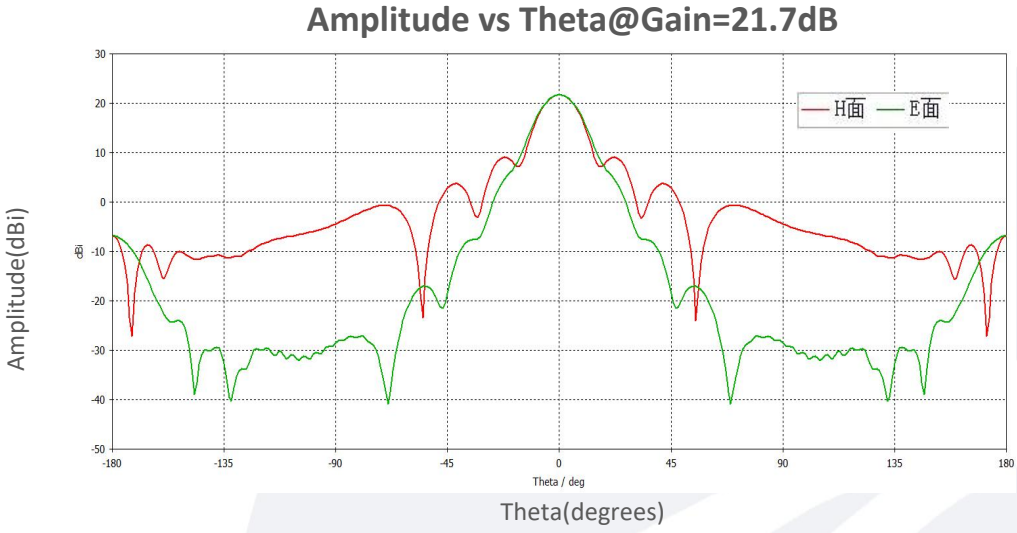
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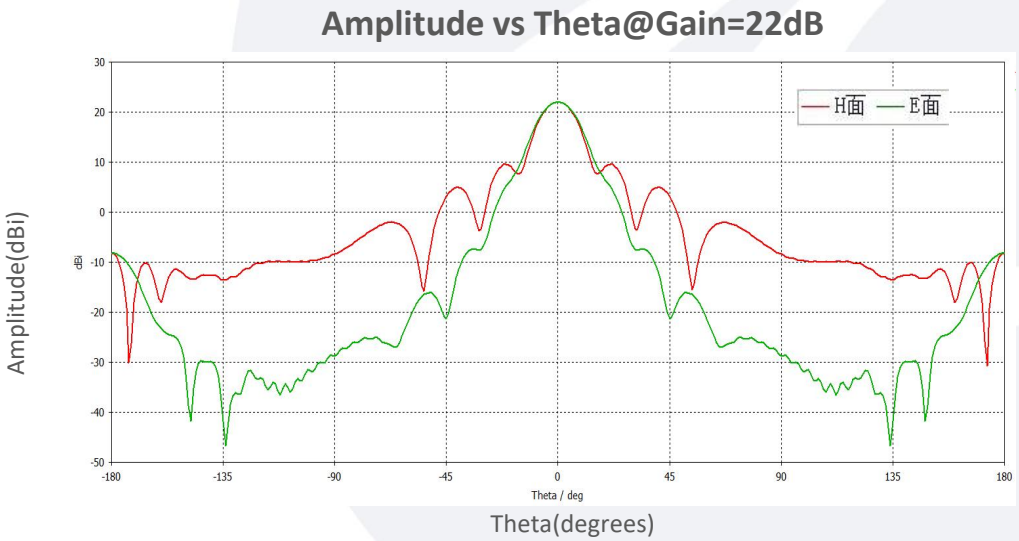
20GHz:



21GHz:



22GHz:

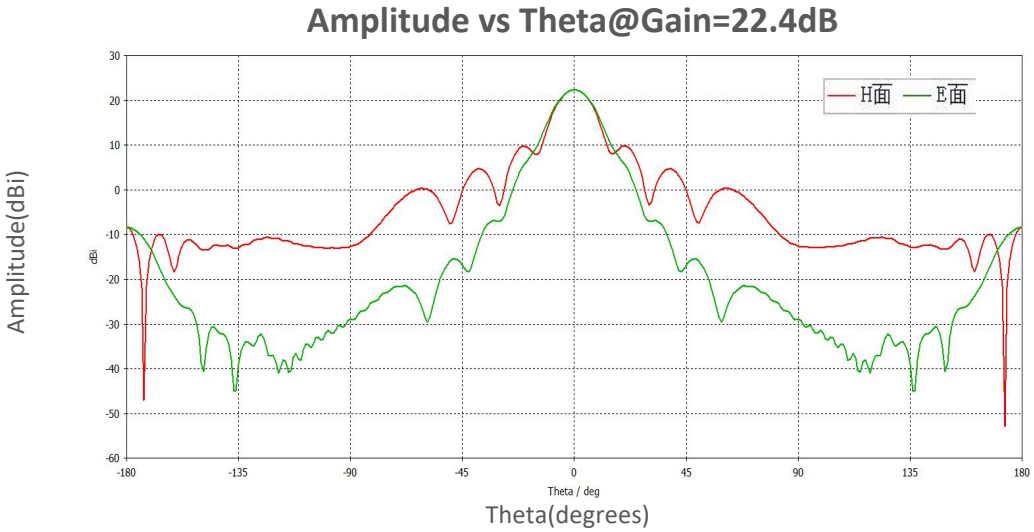


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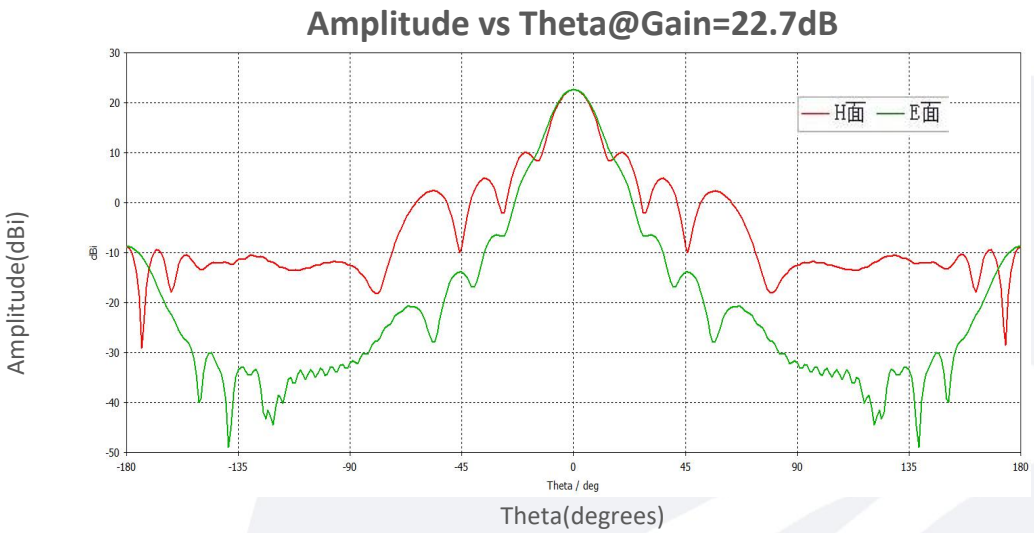
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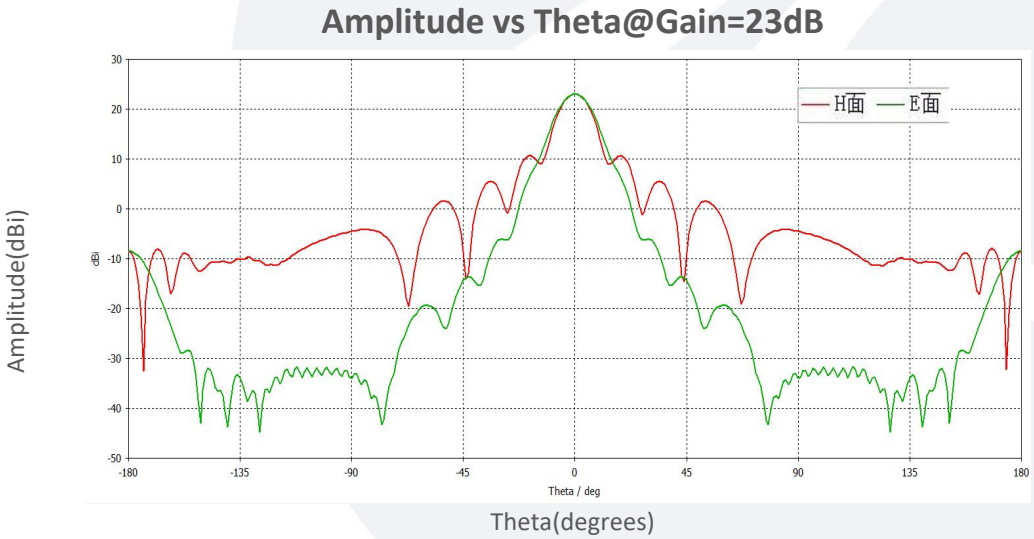
23GHz:



24GHz:



25GHz:

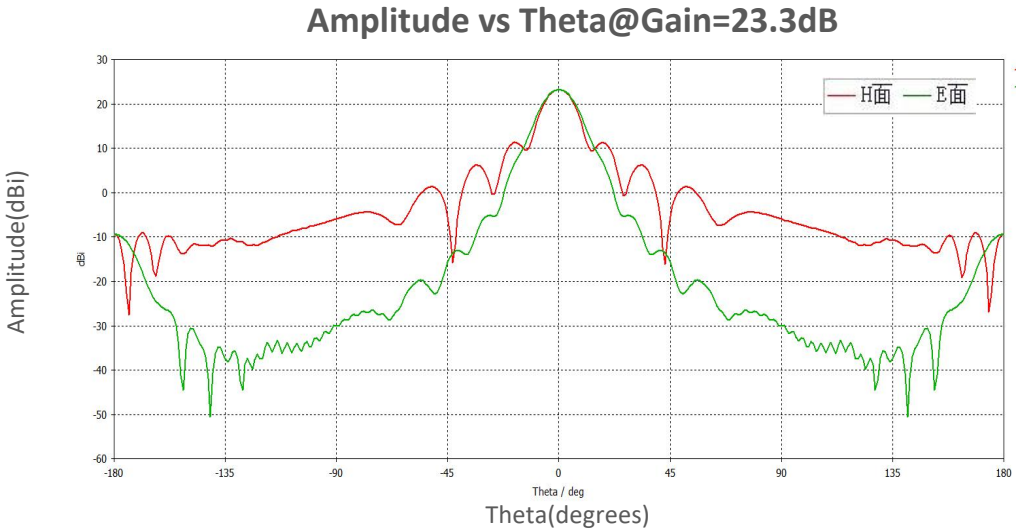


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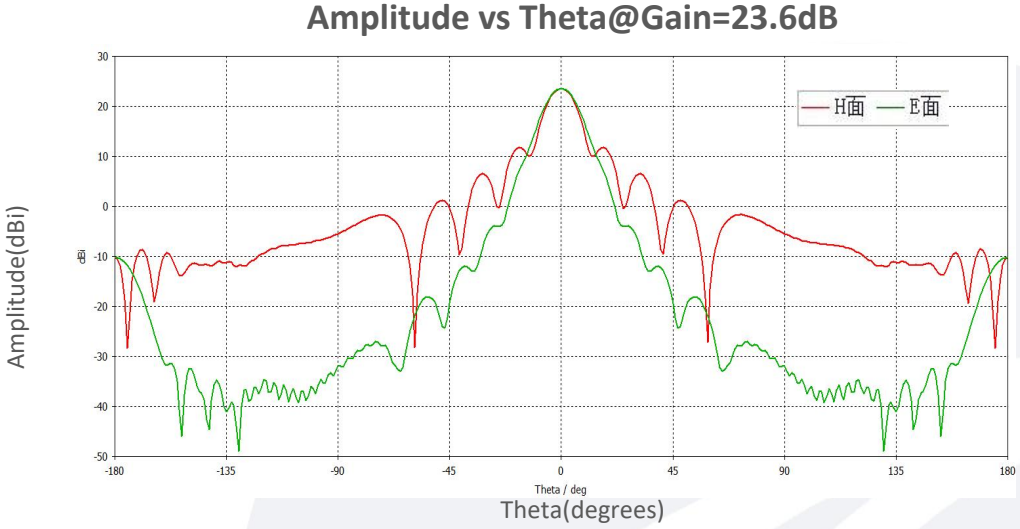
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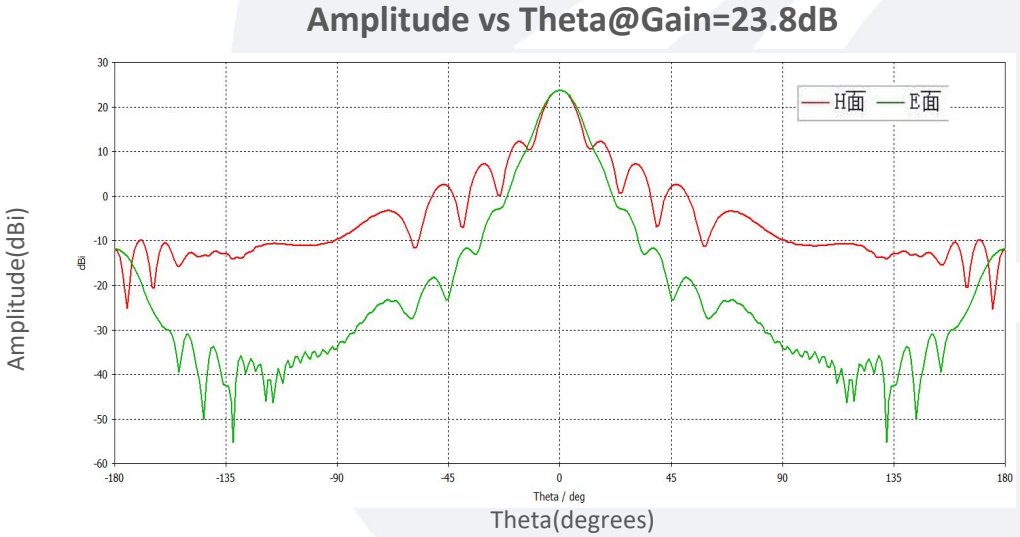
26GHz:



27GHz:



28GHz:

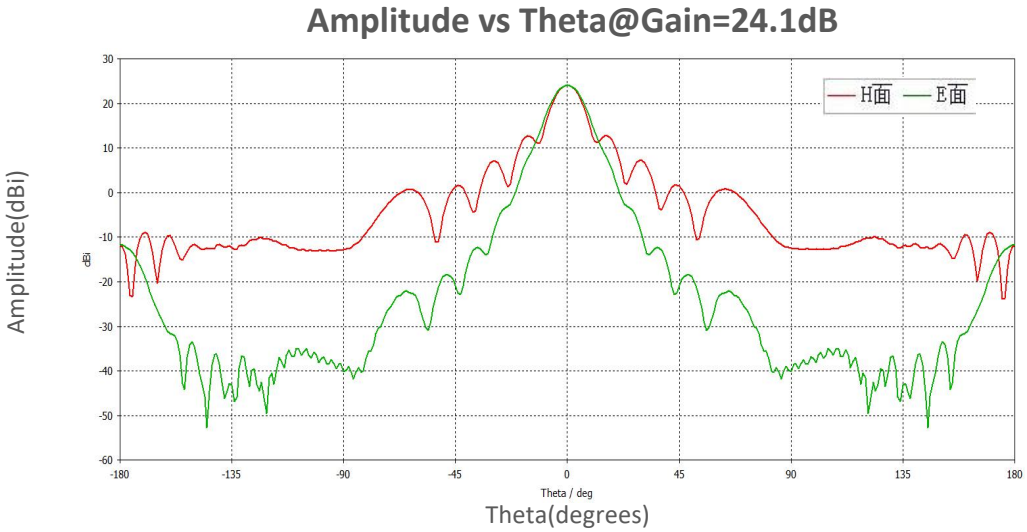


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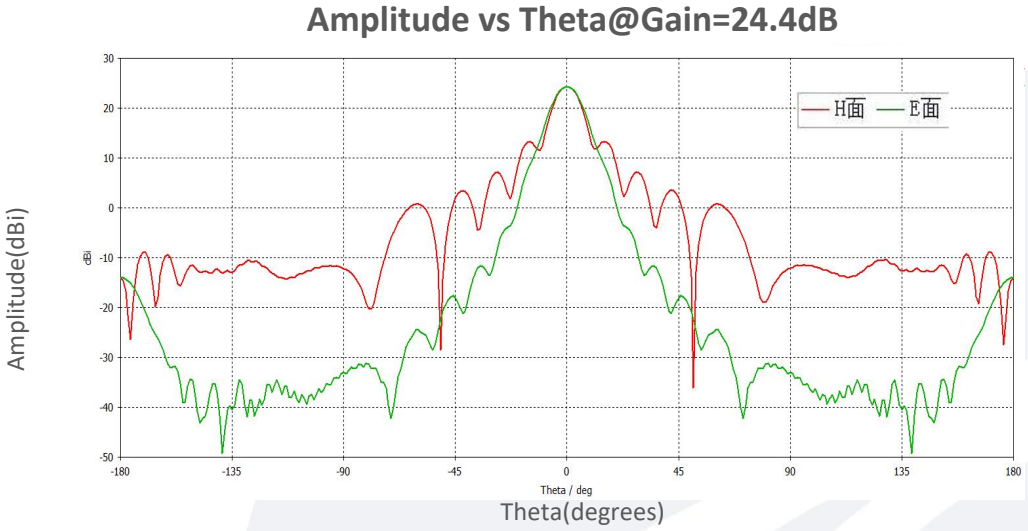
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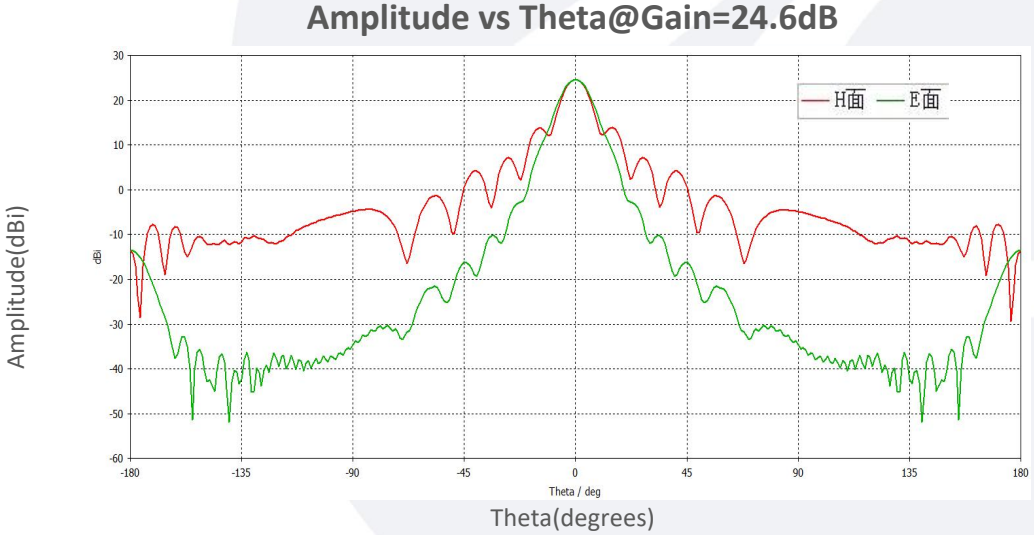
29GHz:



30GHz:



31GHz:

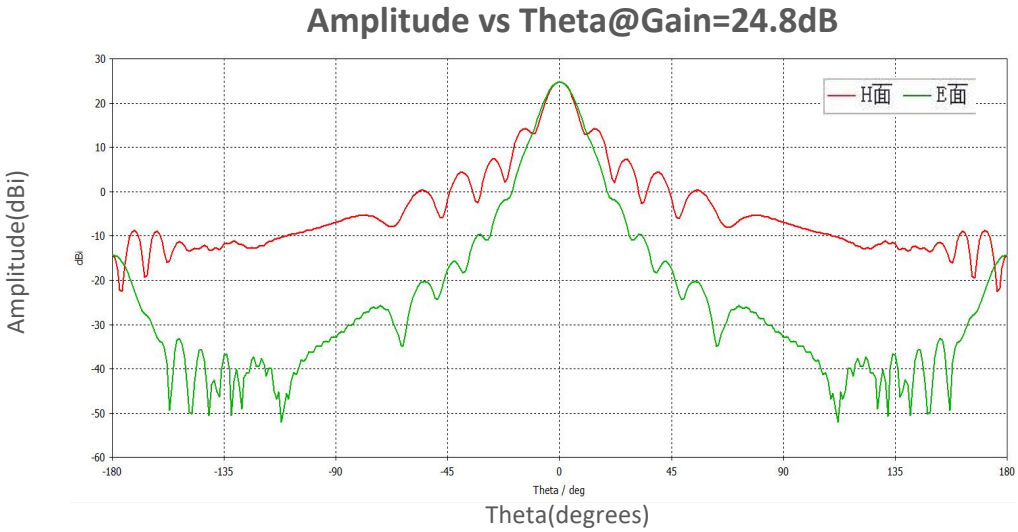


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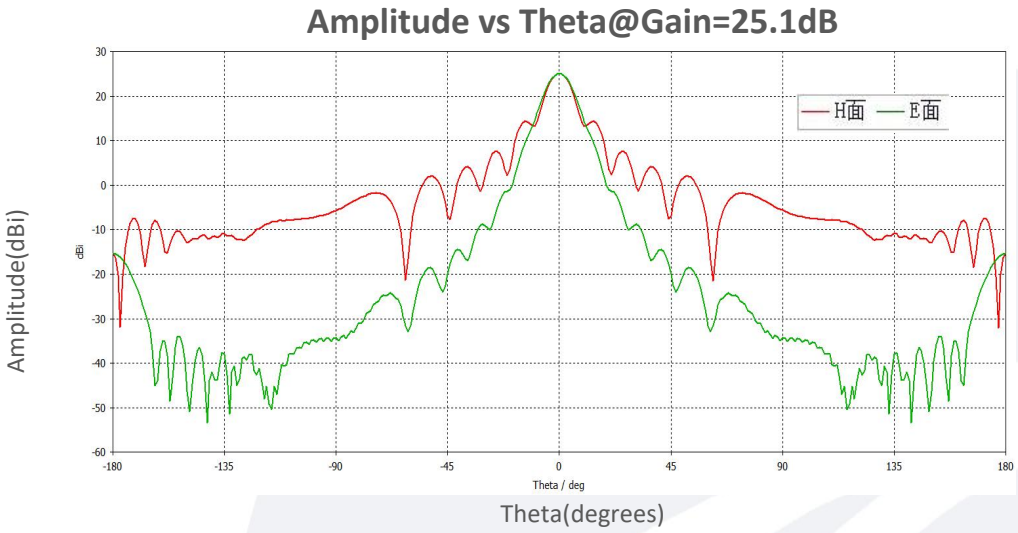
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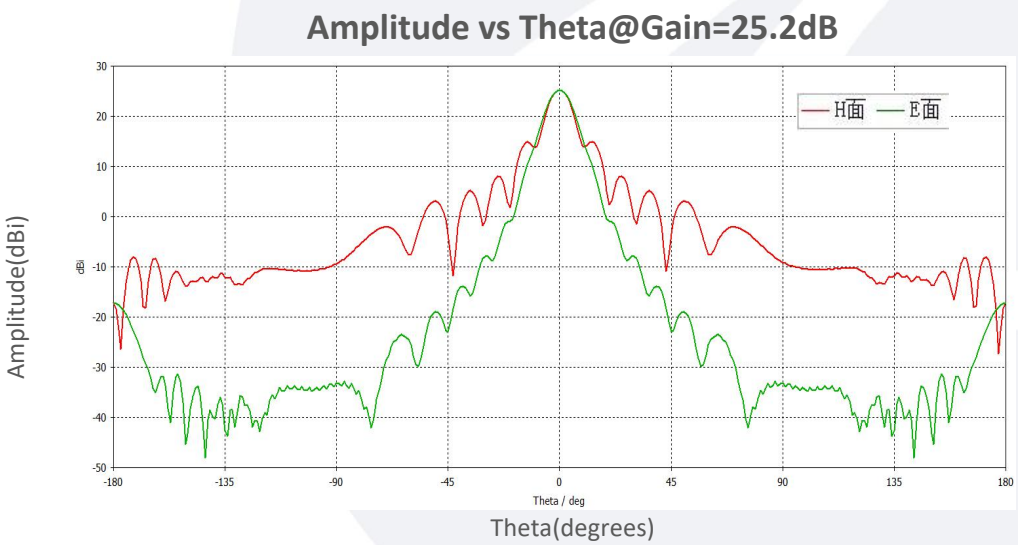
32GHz:



33GHz:



34GHz:

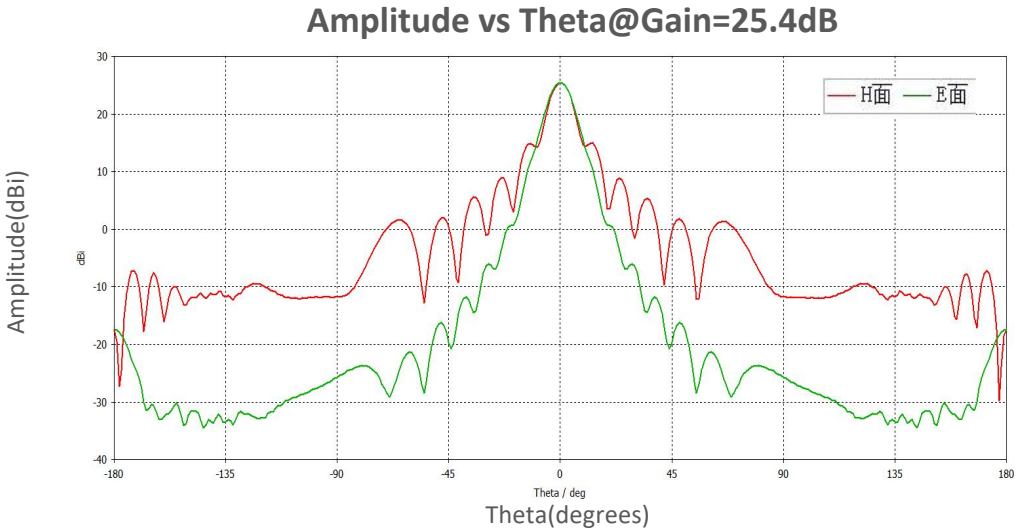


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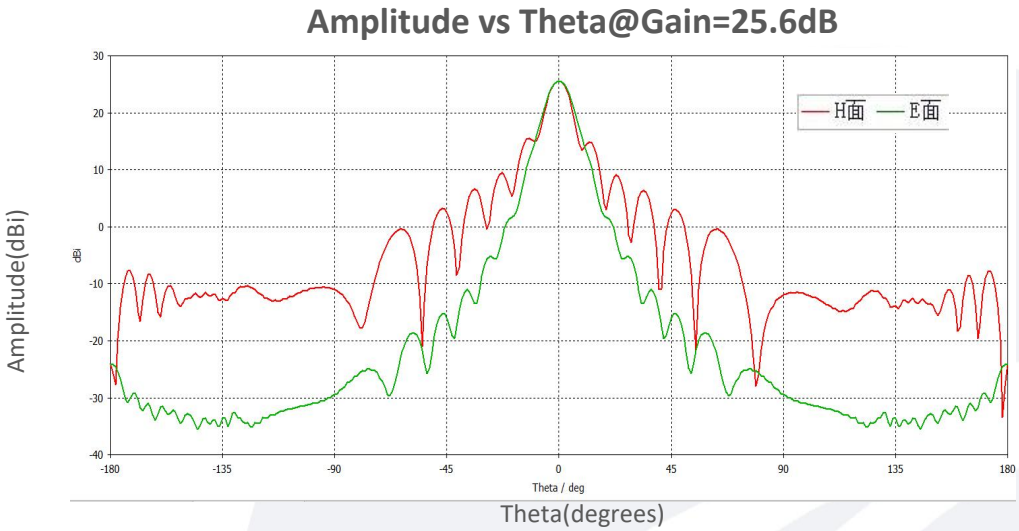
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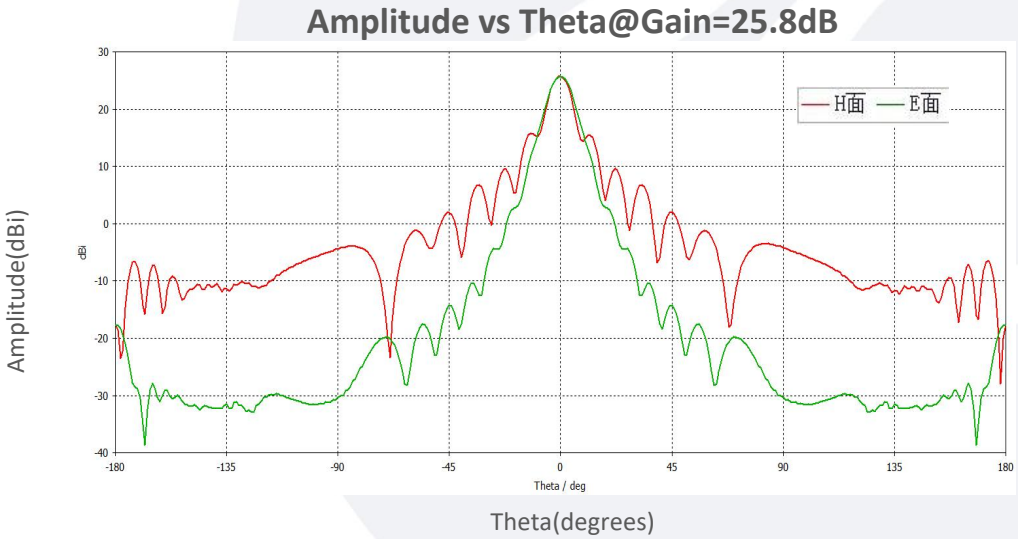
35GHz:



36GHz:



37GHz:

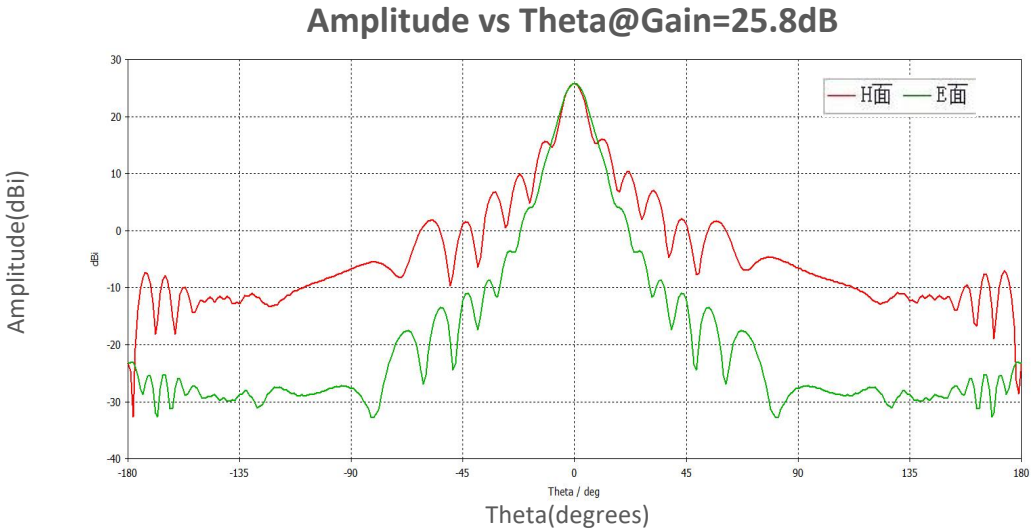


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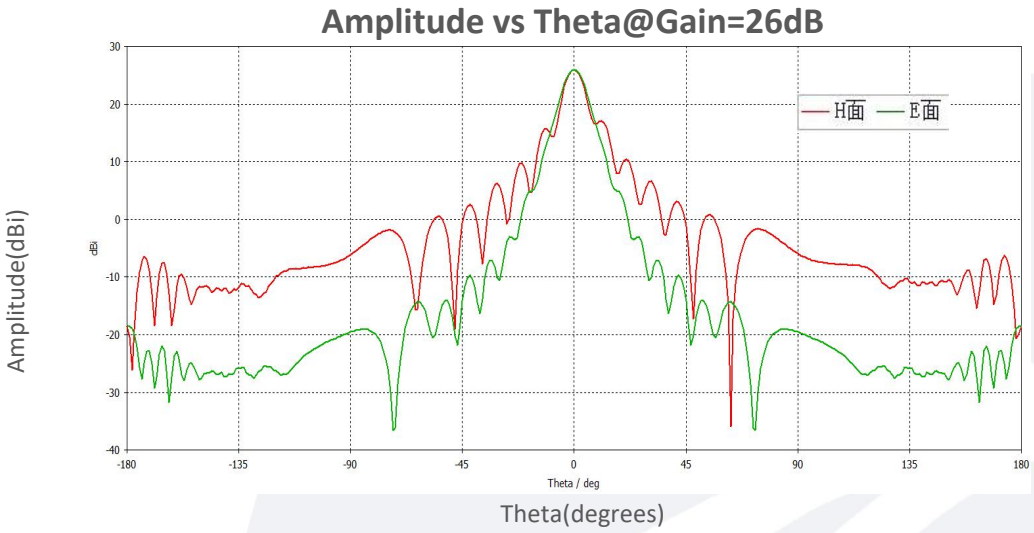
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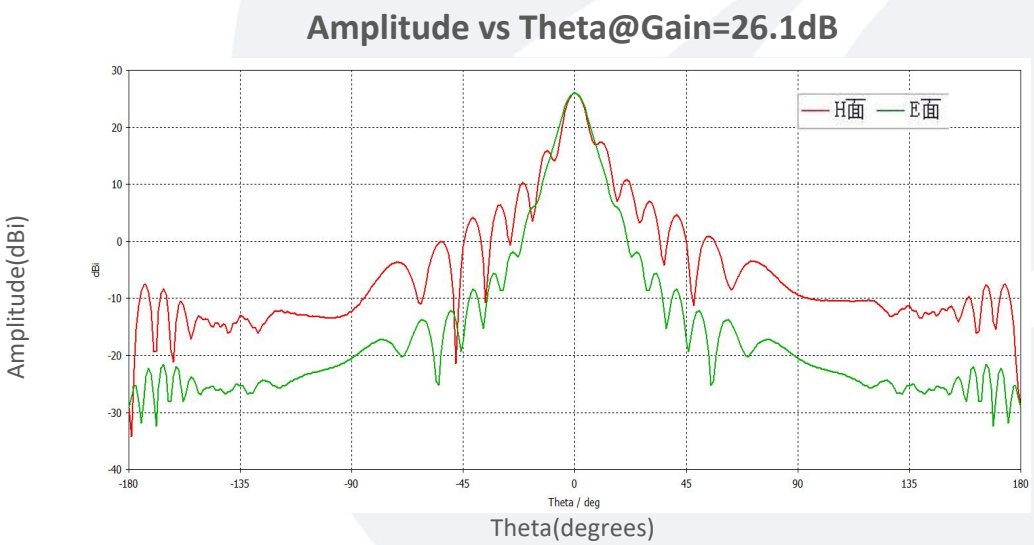
38GHz:



39GHz:



40GHz:



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