Suzhou Talent Microwave,Inc
sales@talentmw.com
www.talentmw.com

Broadband Horn Antenna

2-18GHz/15dBi Typ, Gain/N-50K

Model:TL-20180HA21N

Features:

- Operating Frequency 2 to 18 GHz
- Coaxial Connector for RF Input
- Linear Polarization
- Good Impedance Match

Applications:

- Antenna Ranges
- Antenna Gain Measurements
- System Setups

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Frequency Range	2		18	GHz
Gain	7.5	15	21	dBi
Input VSWR			2.5	:1
Antenna Beamwidth	E:14.3°-84.6°;H:10.4°-69.7°			dB/m

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +85	℃
Storage Temerature	-40 to +85	℃
Material	Aluminium	
Connectors	N-50K	
Size	104*84*171	mm

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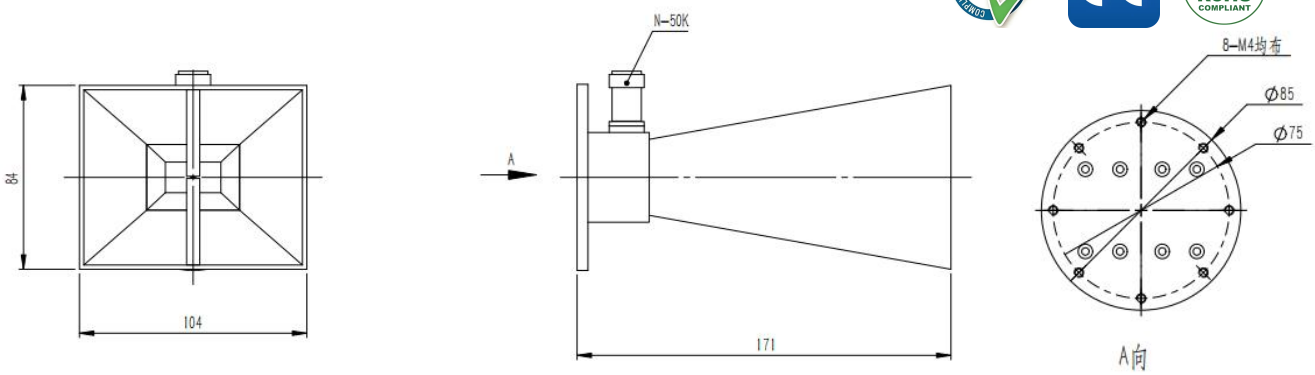
Outline Drawing:

Unit:mm

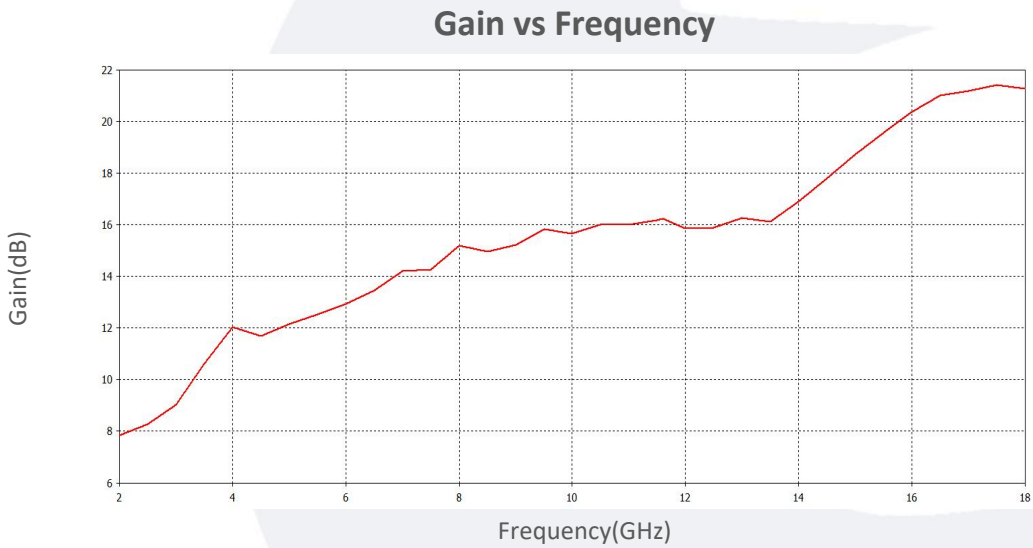


Regulatory Compliance:

Ordering Information:

Base Number	Desciption	Revision
TL-20180HA21N	Broadband Horn Antenna, 2-18GHz,Gain: 15dBi Typ.	Rev.1.1

Typical Performance Data:



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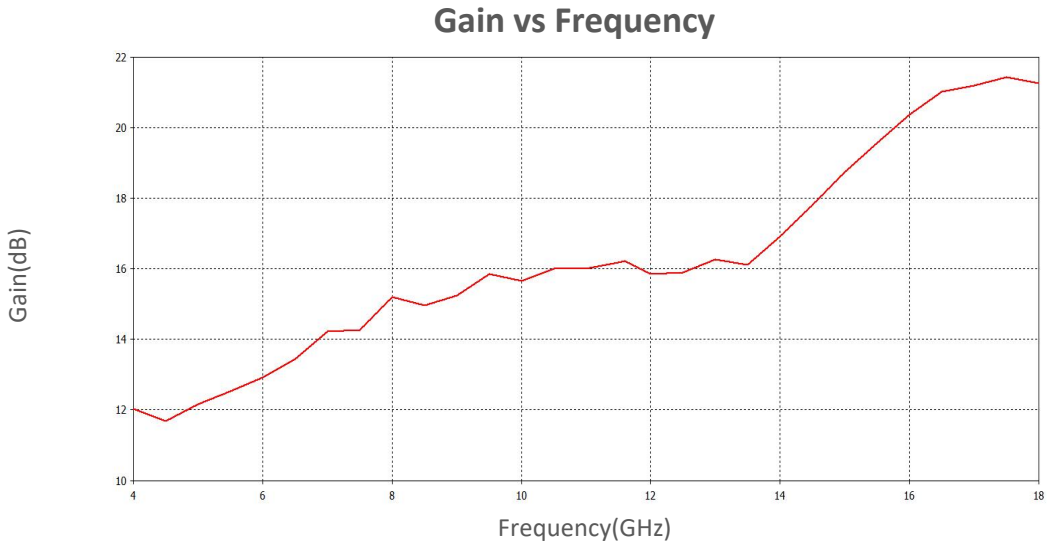
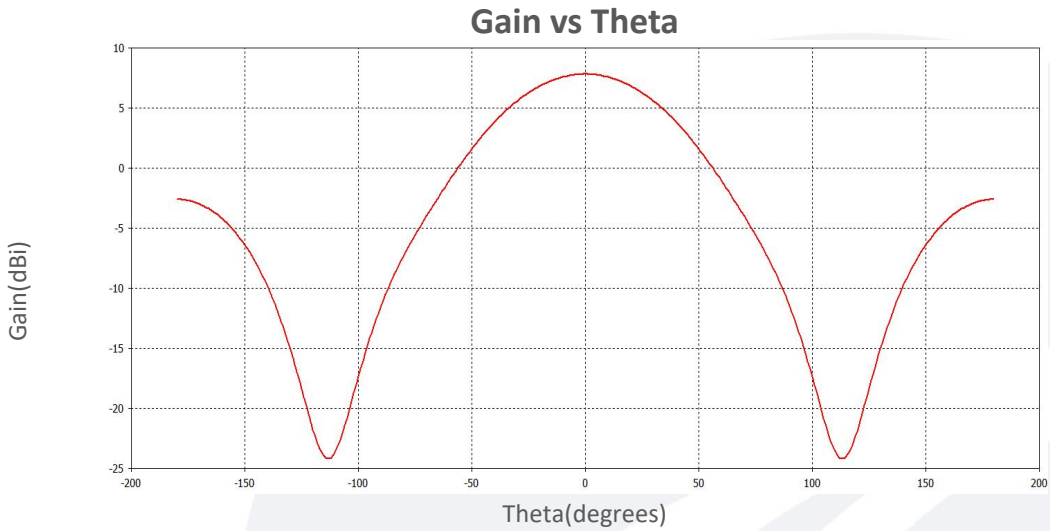
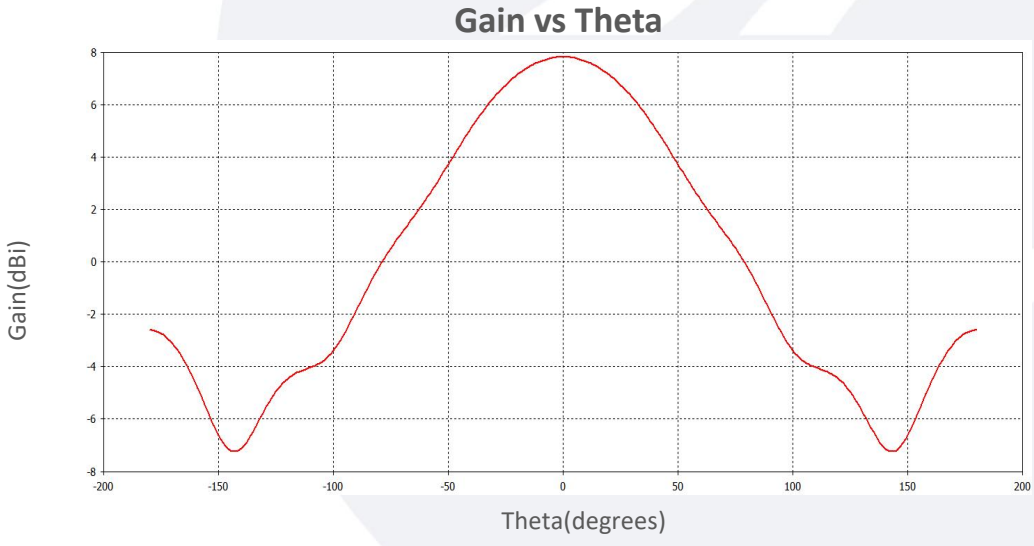


2GHz,H:



2GHz,E:



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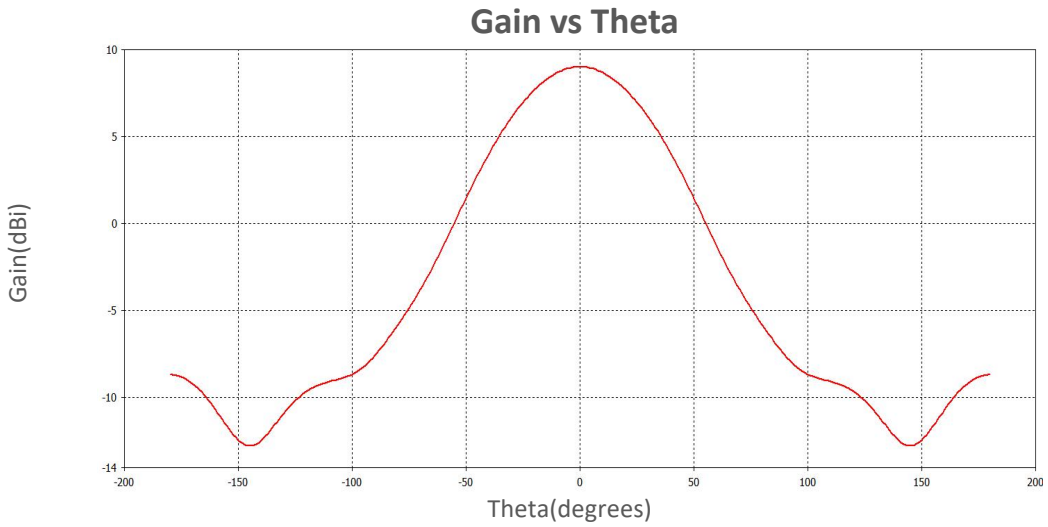
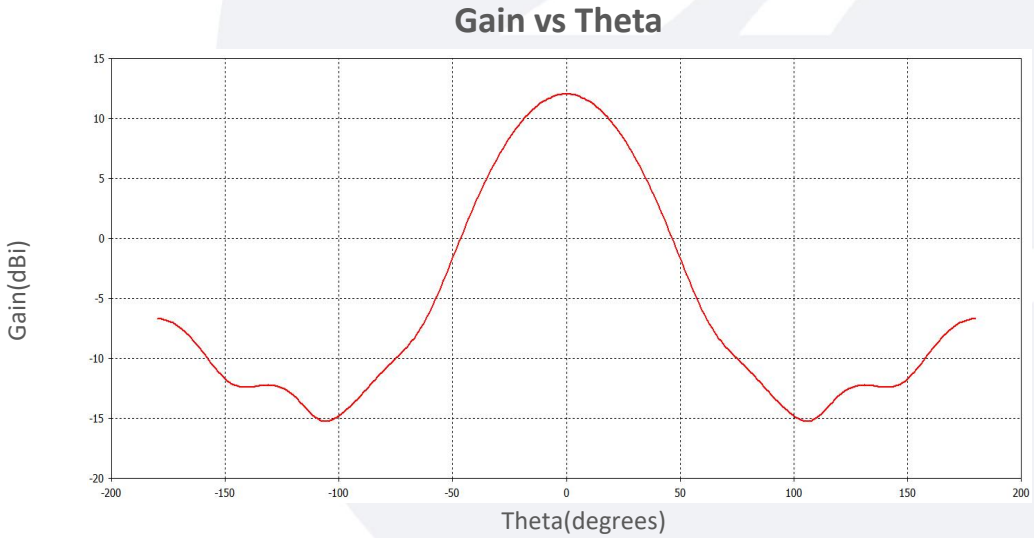
3GHz,H:



3GHz,E:

4GHz,H:



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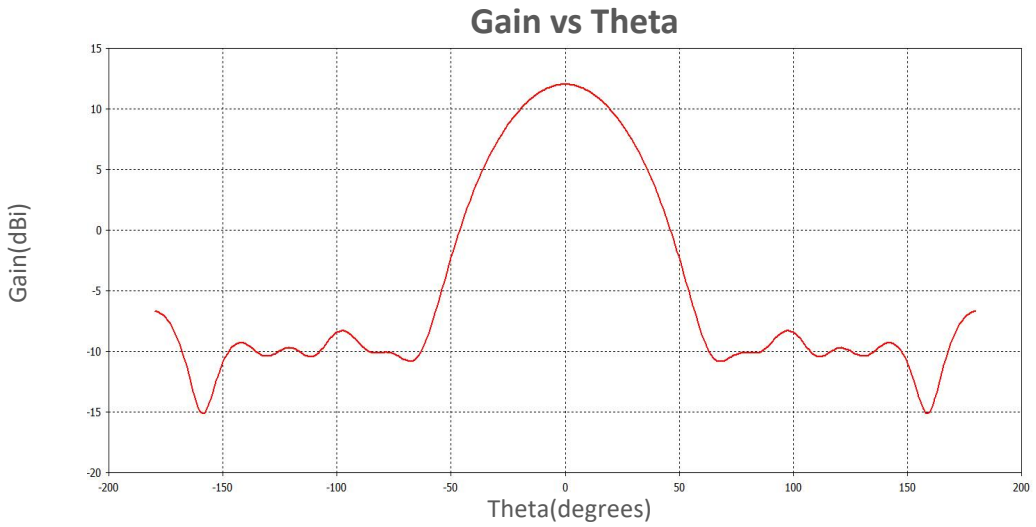
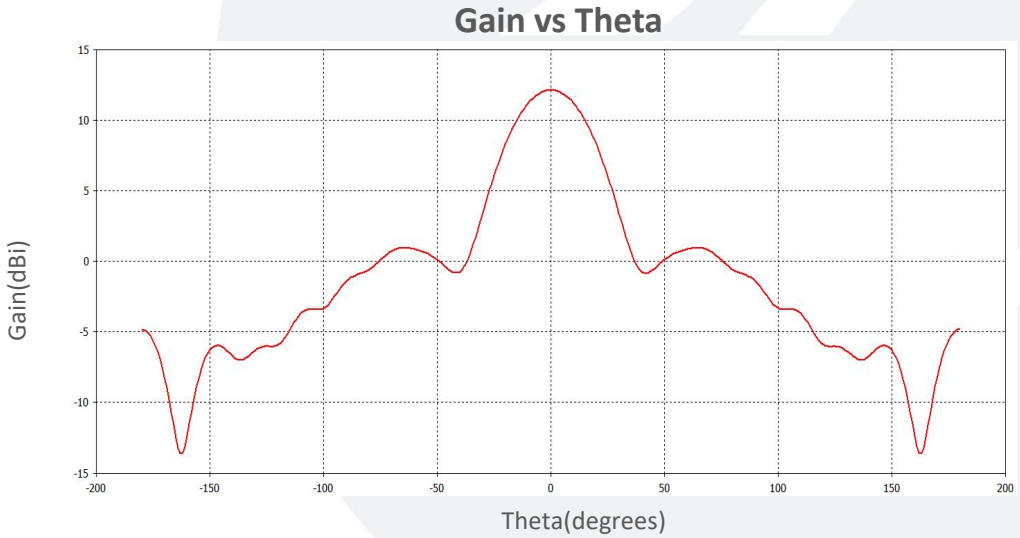
Typical Performance Data:

4GHz,E:



5GHz,H:

5GHz,E:



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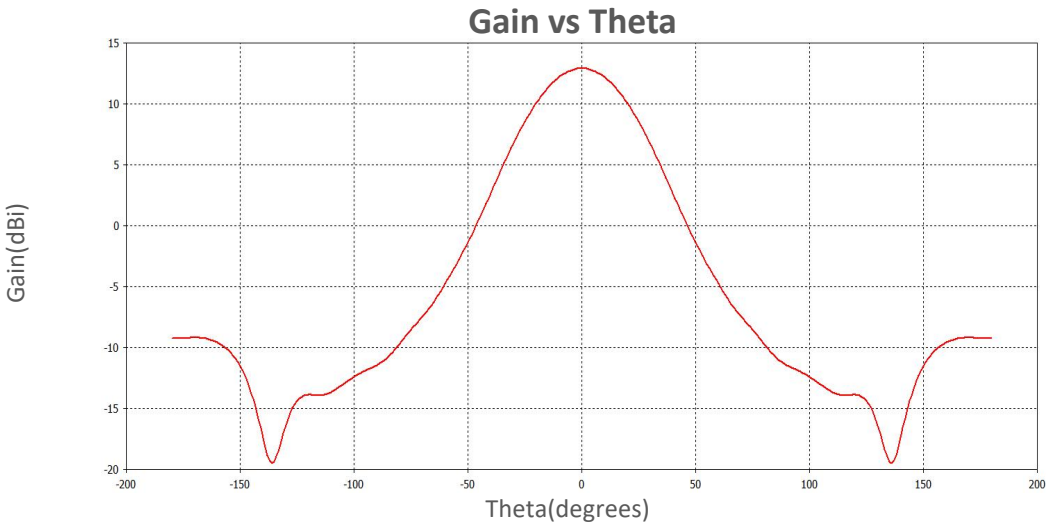
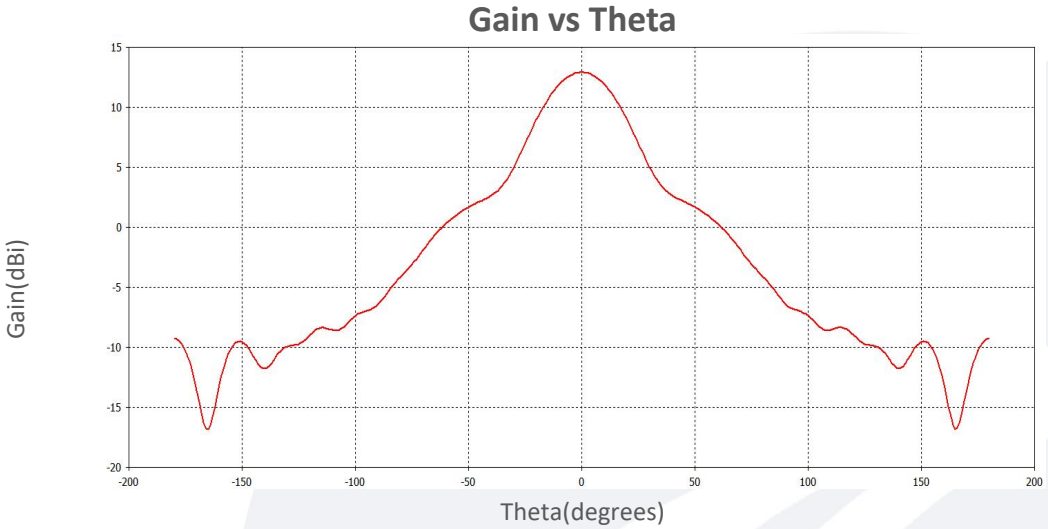
Typical Performance Data:

6GHz,H:



6GHz,E:



7GHz,H:

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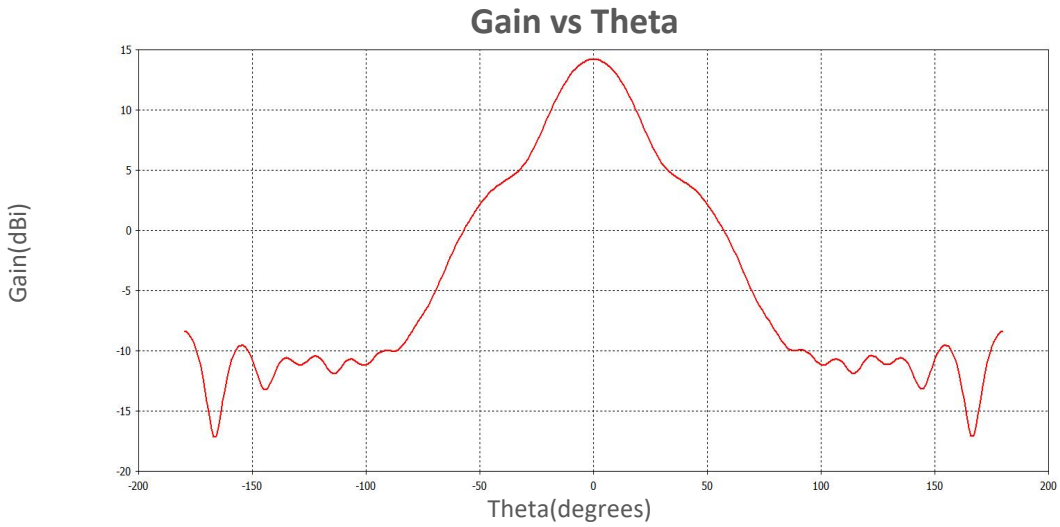
7GHz,E:



8GHz,H:

8GHz,E:

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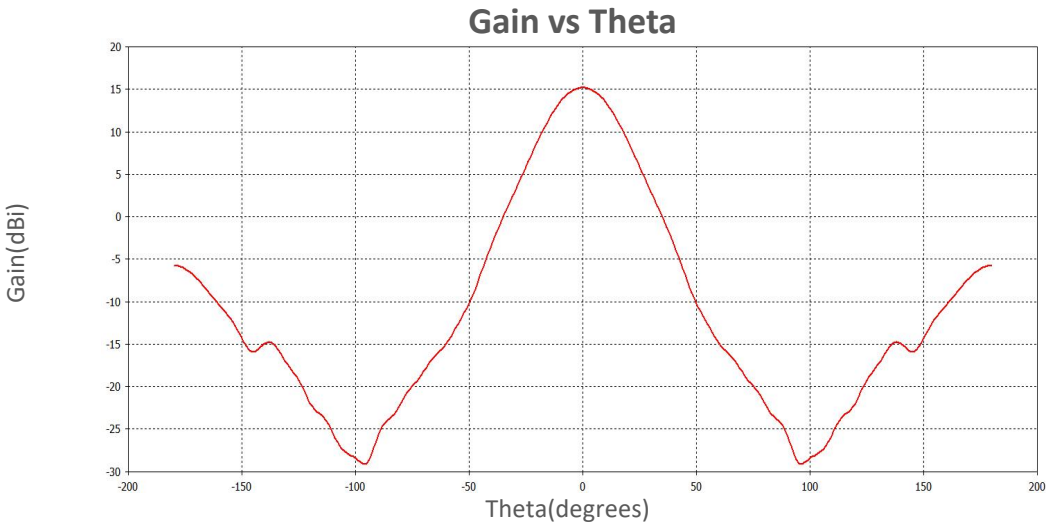
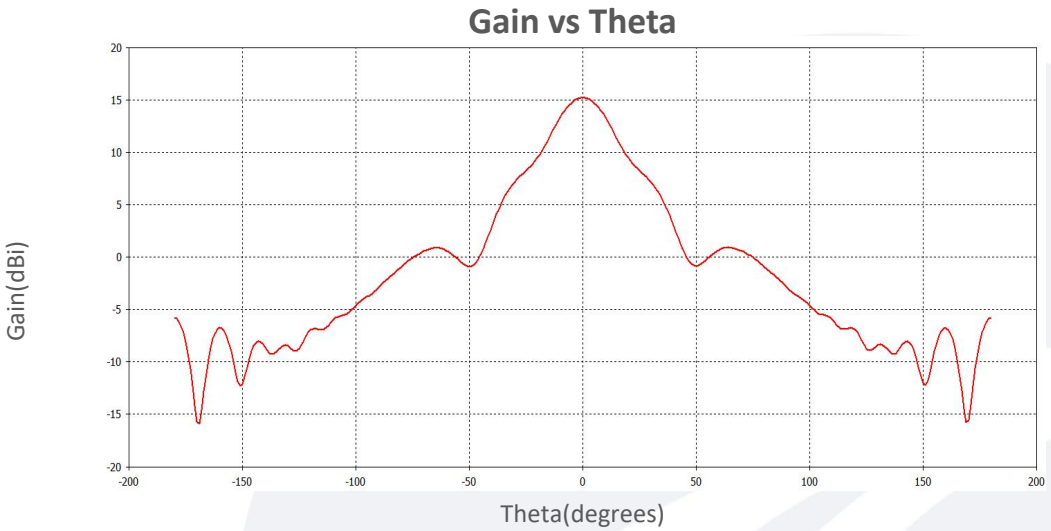
Typical Performance Data:

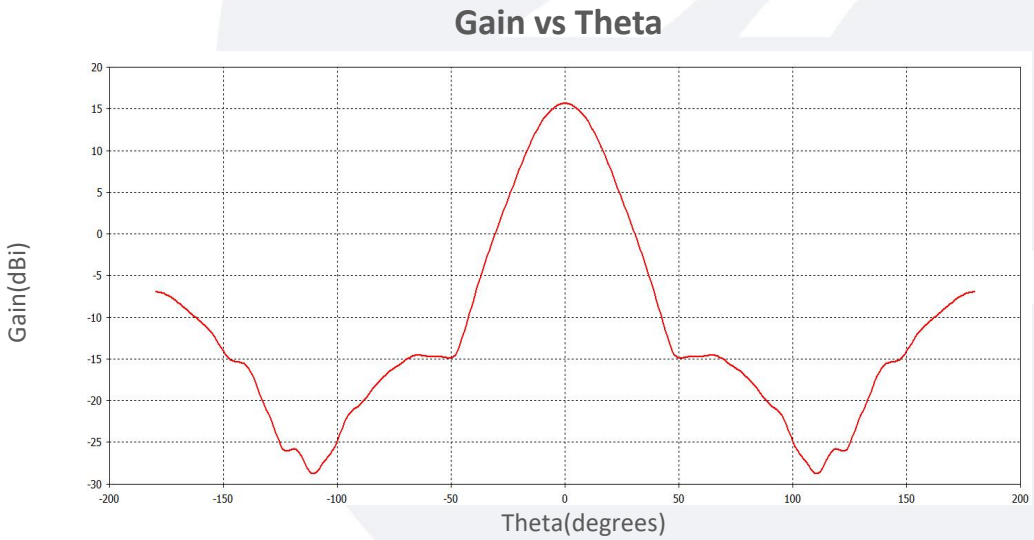
9GHz,H:



9GHz,E:



10GHz,H:



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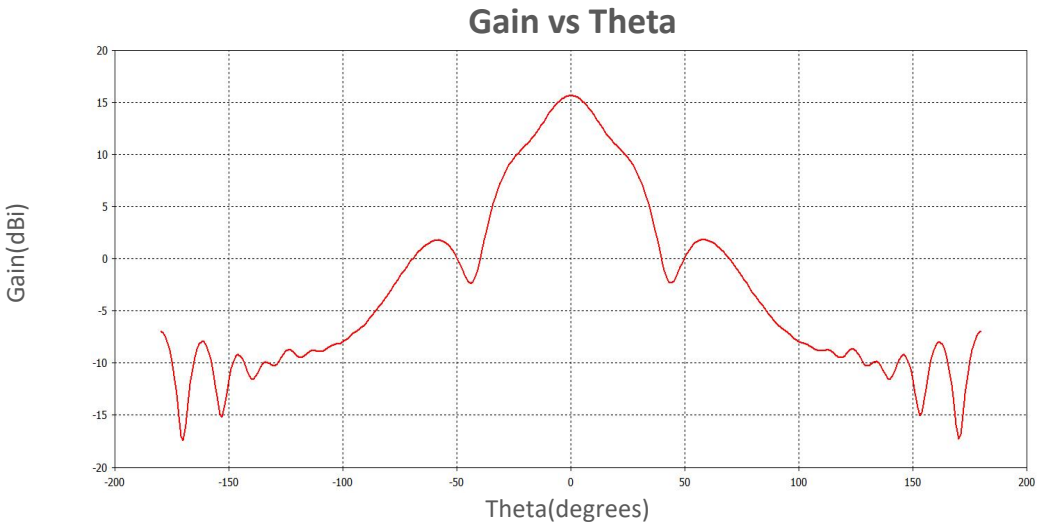
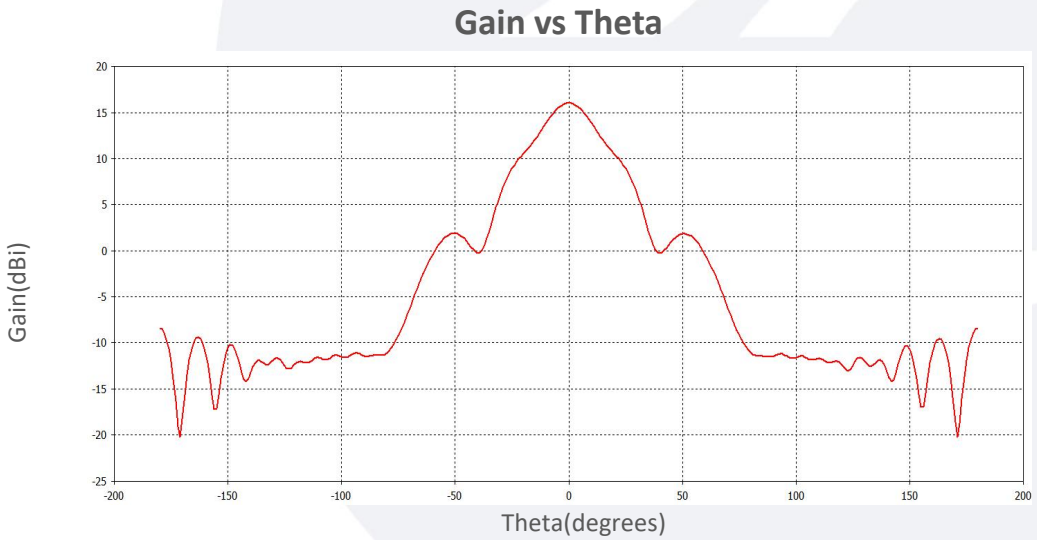
10GHz,E:



11GHz,H:

11GHz,E:



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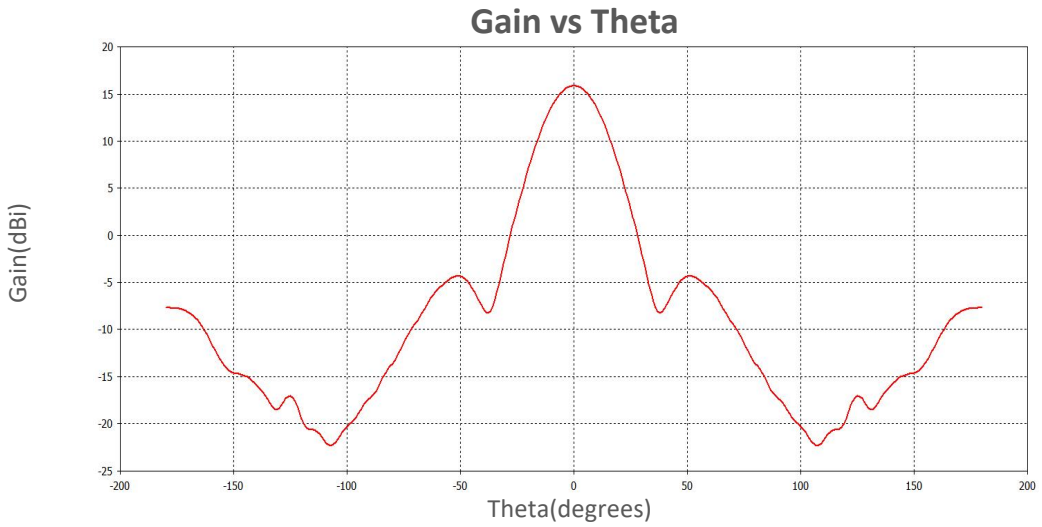
Typical Performance Data:

12GHz,H:



12GHz,E:

13GHz,H:

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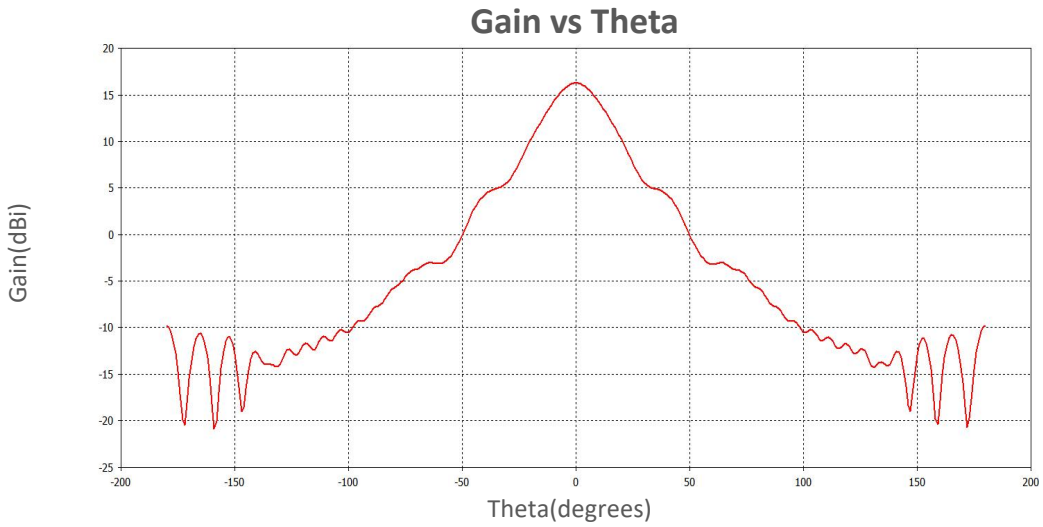
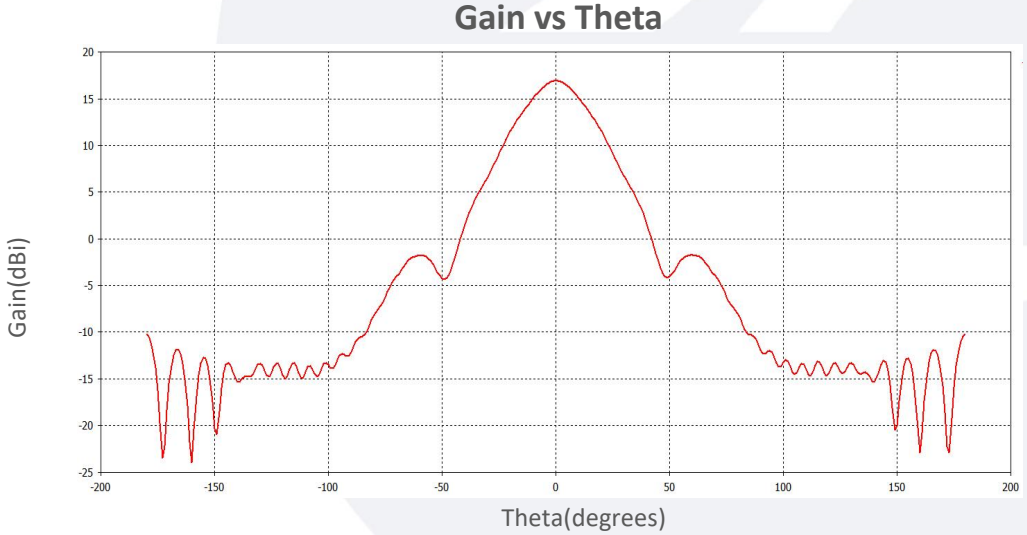
13GHz,E:



14GHz,H:

14GHz,E:



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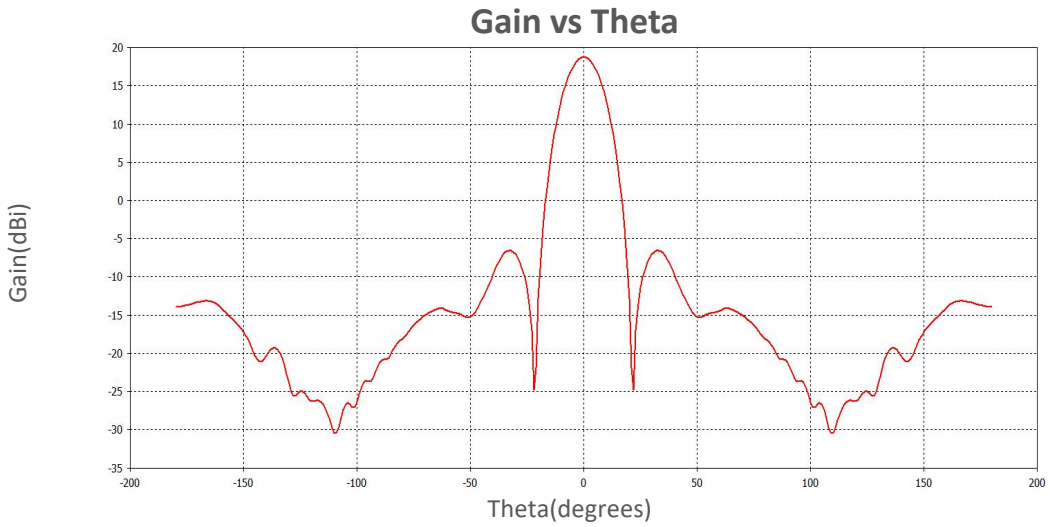
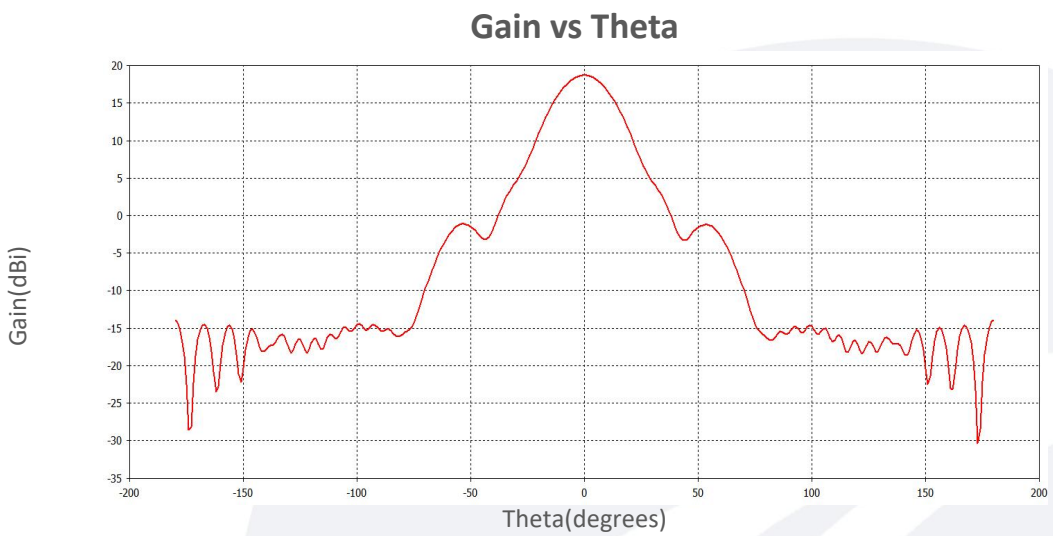
15GHz,H:



15GHz,E:



16GHz,H:

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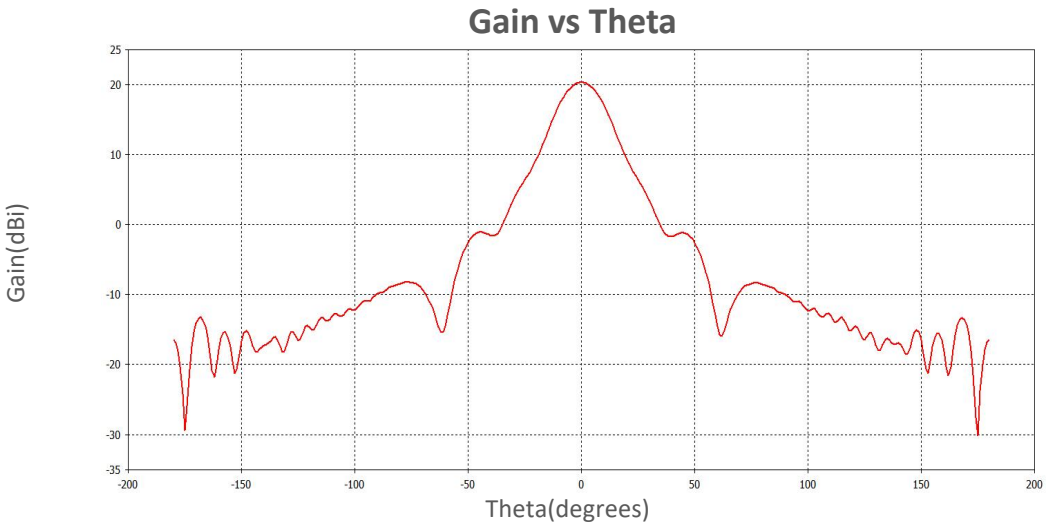
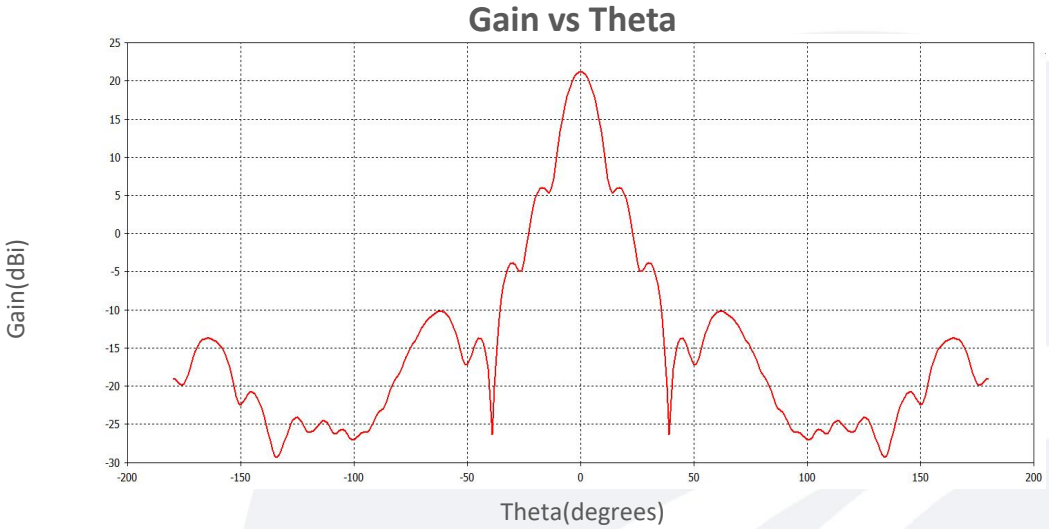
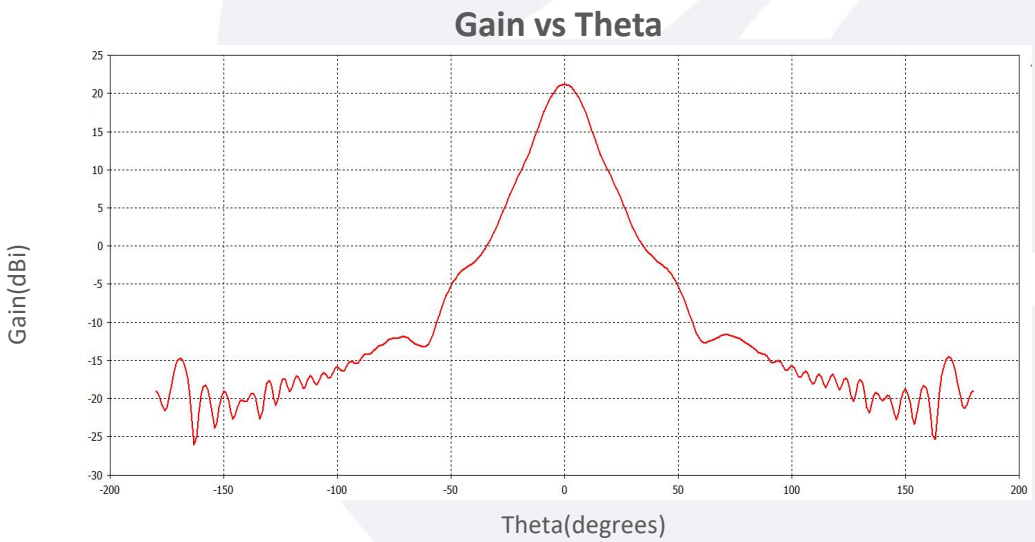
16GHz,E:



17GHz,H:



17GHz,E:



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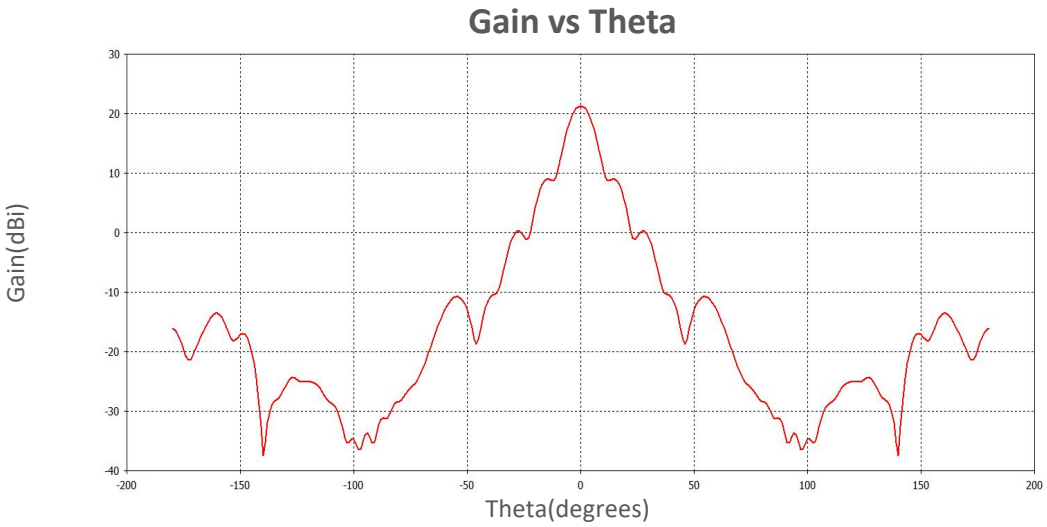
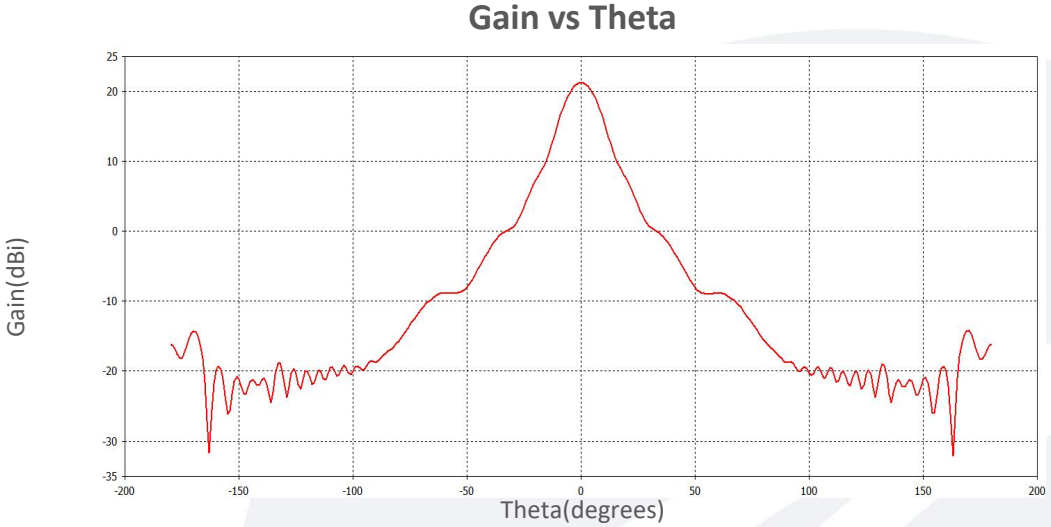
18GHz,H:



18GHz,E:



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