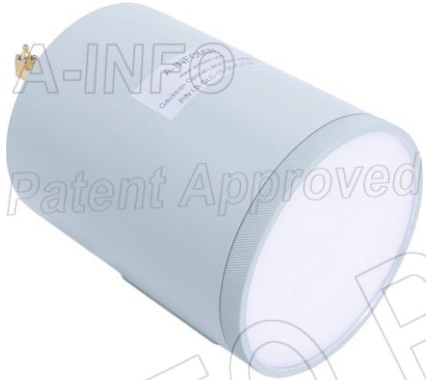


For reference only. See data sheet for the detailed specifications.

Technical Specification

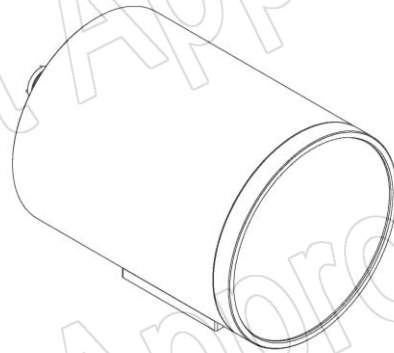
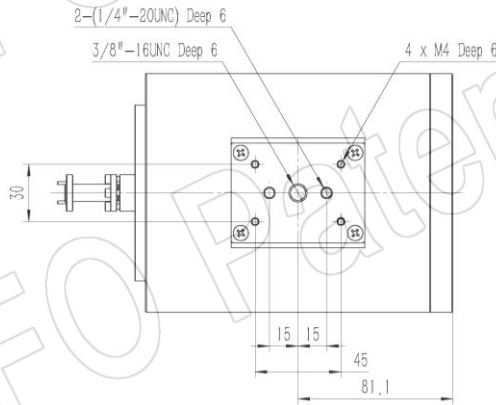
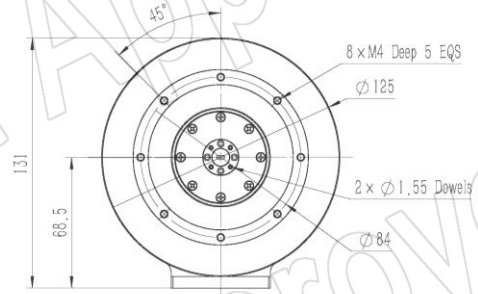
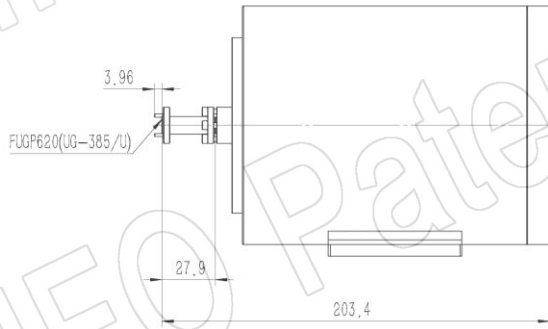


Frequency Range(GHz)	A Type, WG output: 50.0 – 75.0
	C Type, 1.0mm-F: 50.0 – 75.0
	C Type, 1.85mm-F: 50.0 – 65.0
Waveguide	WR15
Gain(dBi)	34.5 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E-Plane: 3.0 Typ.
	H-Plane: 2.8 Typ.
Sidelobe Level(dB)	E-Plane: 28 Typ.
	H-Plane: 30 Typ.
Cross Pol. Isolation(dB)	40 Typ.
VSWR	A Type: 1.80:1 Max.
	C Type: 2.20:1 Max.
Output	A Type: FUGP620(UG-385/U)
	C Type: 1.0mm-Female or 1.85mm-Female
Feed Antenna Type	Conical Horn
Material	Cu
Size(mm)	A Type: 125 x 131 x 203.4
	C Type: 125 x 131 x 228.8
Net Weight(Kg)	A Type: 1.23 Around
	C Type: 1.26 Around

PATENT ID (China)
ZL202120619530.X, ZL202130167433.7

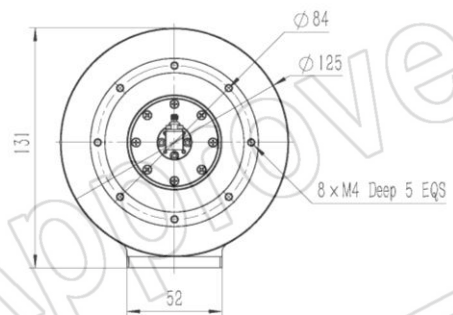
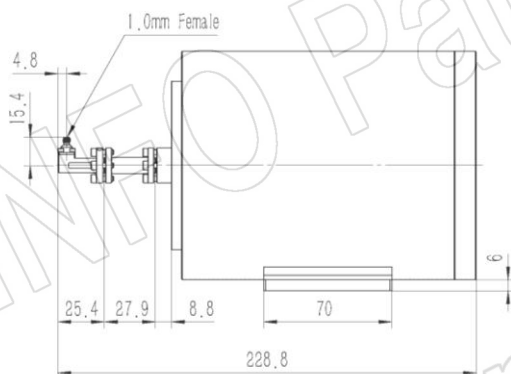
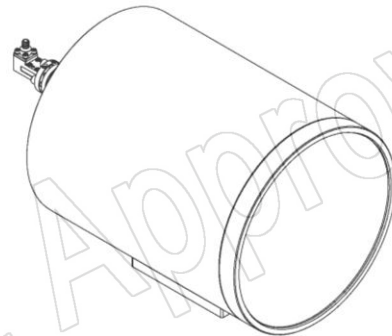
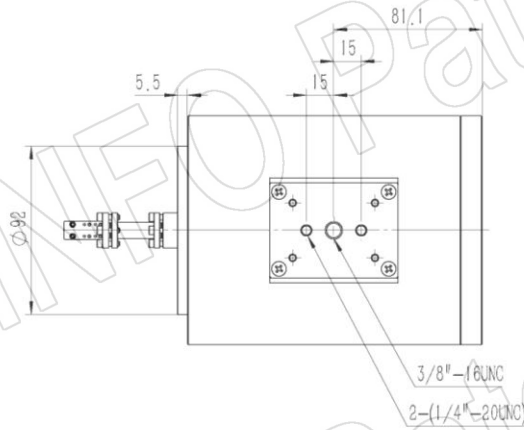
Outline Drawing (Size: mm)

FUGP620 Output (P/N: LB-GLC-15-30-A)



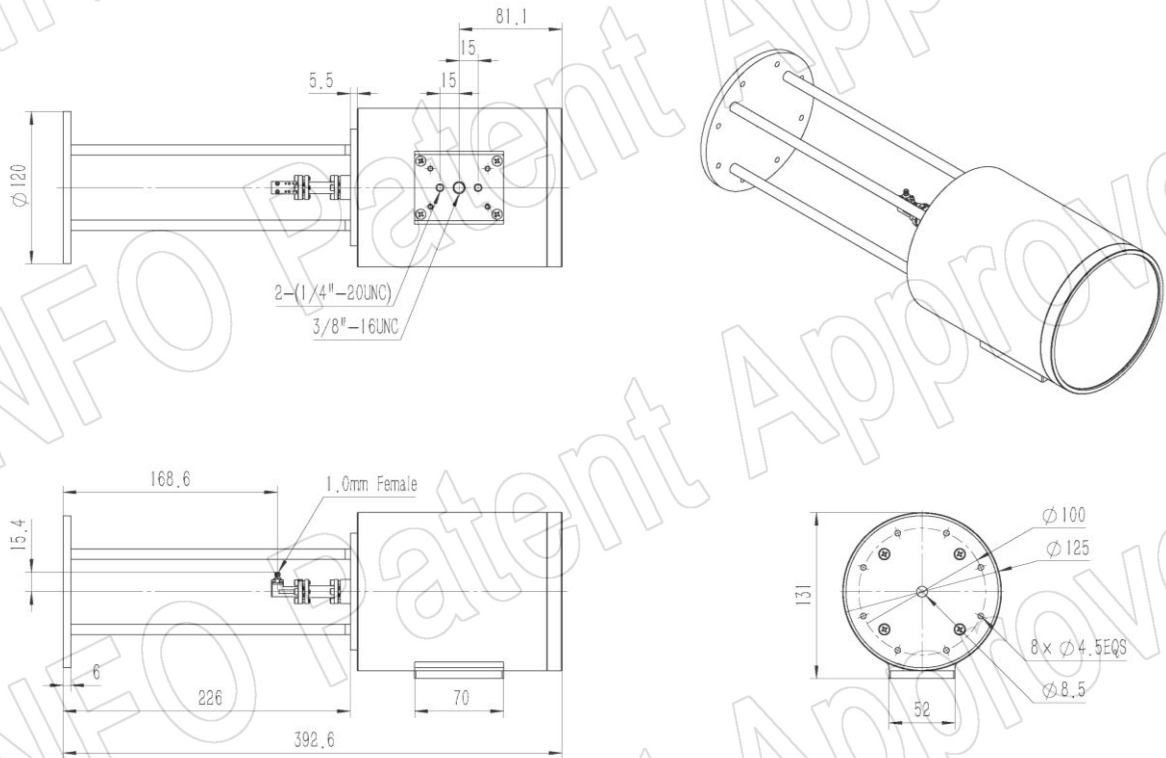
1.0mm-Female Output (P/N: LB-GLC-15-30-C-1.0F)

For 1.85mm-Female output outline drawing, please contact A-INFO.



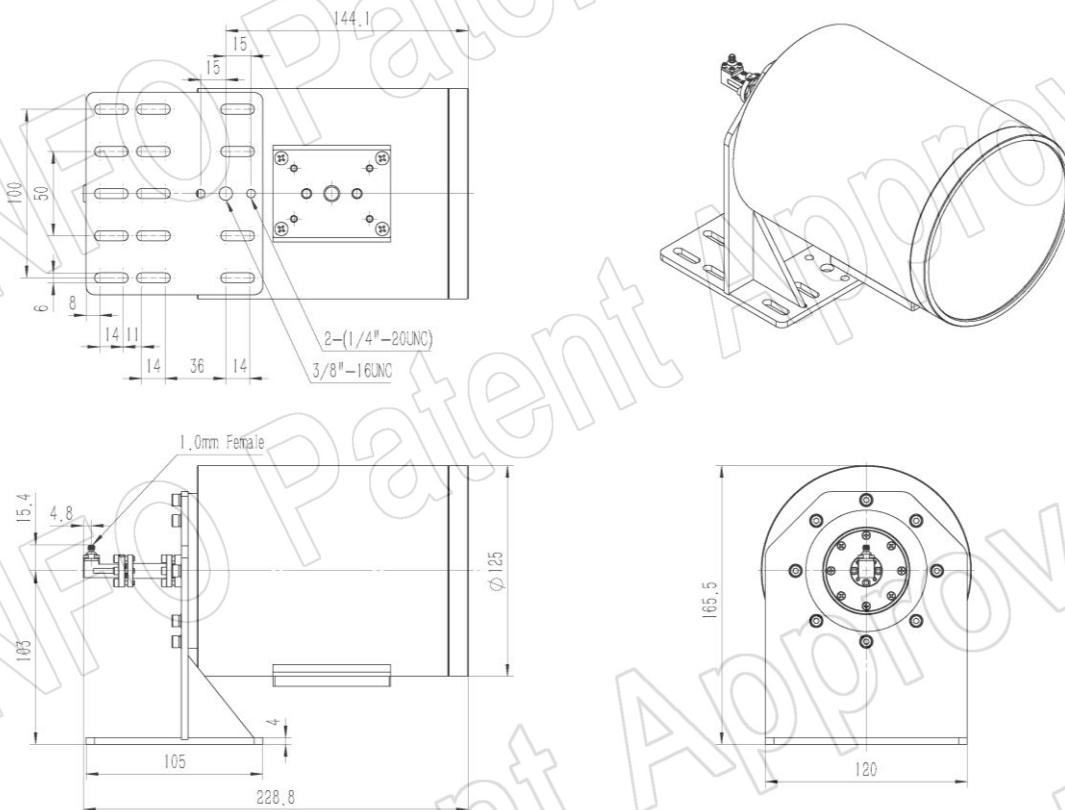
1.0mm-Female Output with Round Mounting Bracket (Option, P/N: LB-CL-15-30-MB)

For 1.85mm-Female output outline drawing, please contact A-INFO.

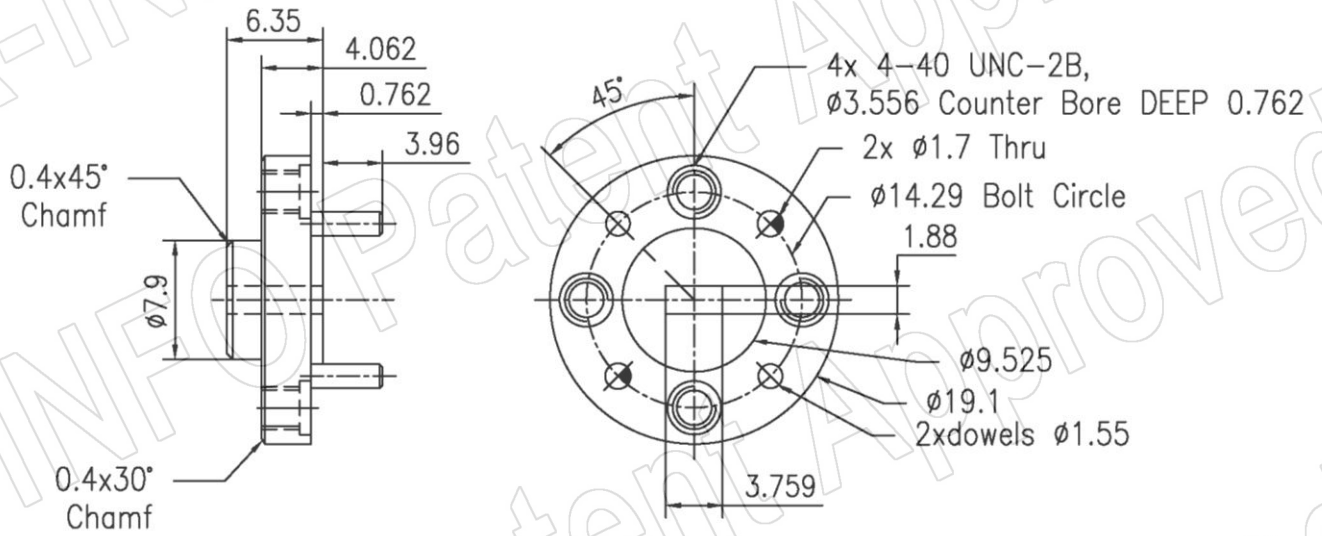


1.0mm-Female Output with L Type Mounting Bracket (Option, P/N: LB-CL-15-30-L)

For 1.85mm-Female output outline drawing, please contact A-INFO.



Flange Drawing (Size: mm)



FUGP620

(equivalent to UG-385/U)

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Tel: (+1) 949-639-9688,

(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

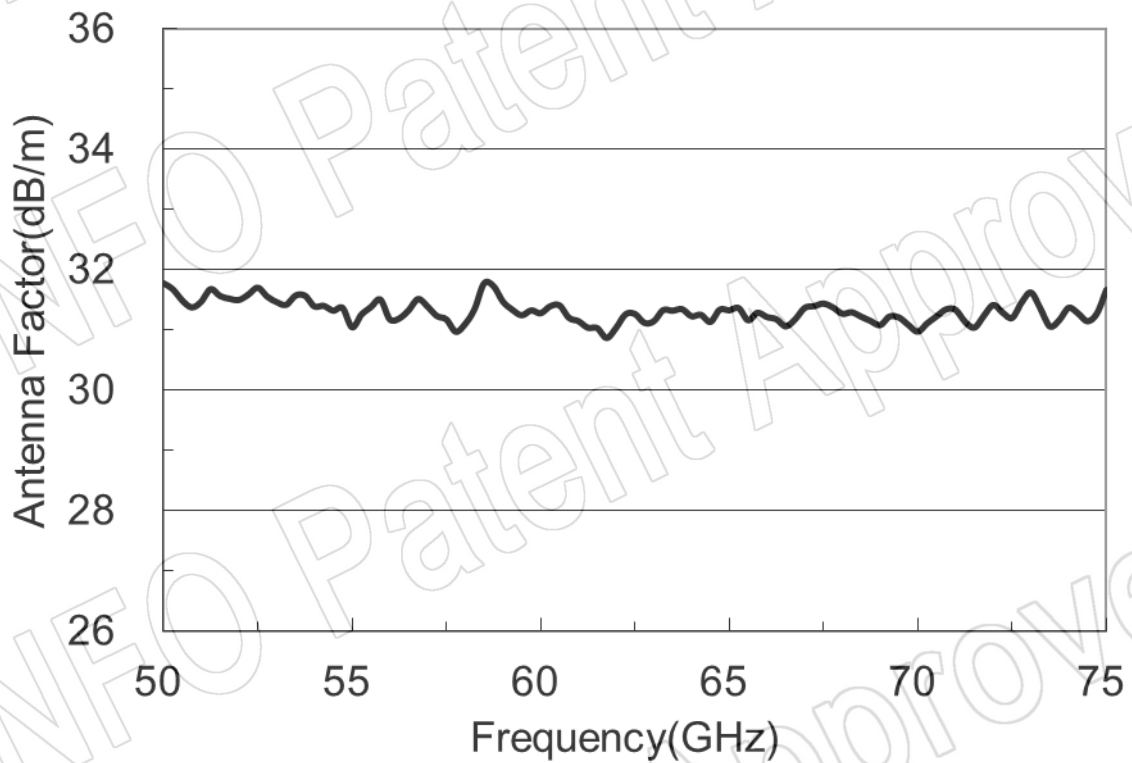
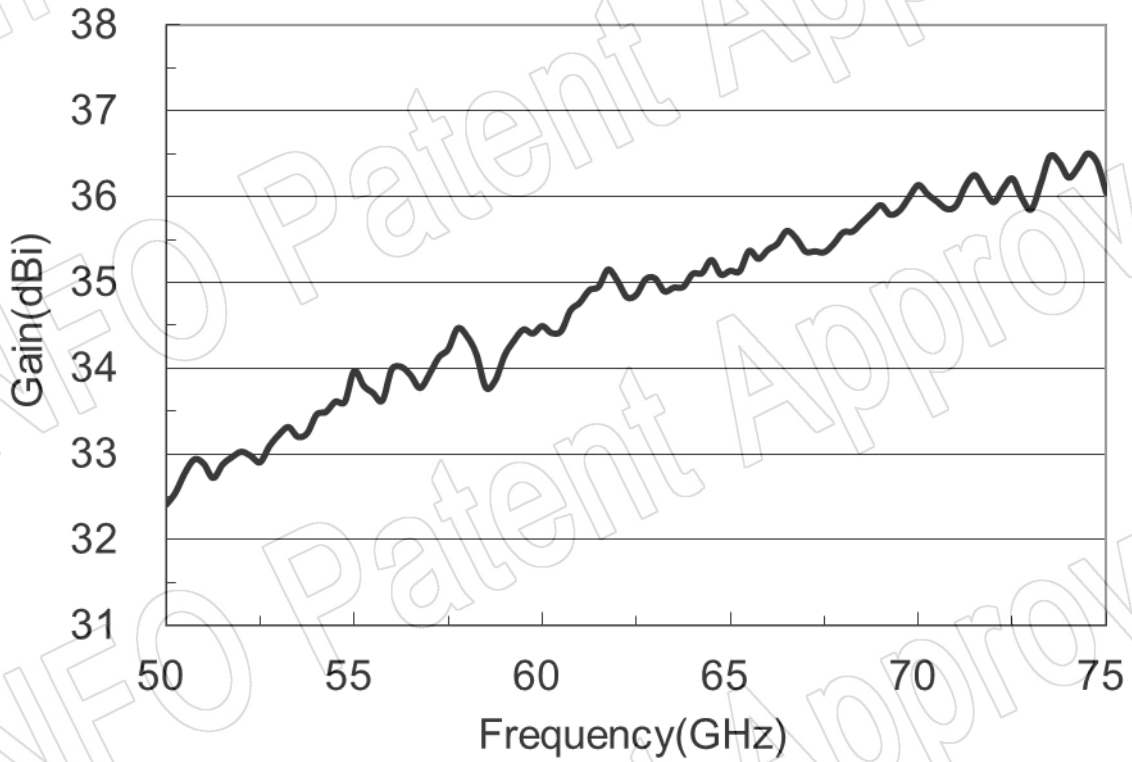
Page 4 of 24

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Fax: (+1) 949-639-9670

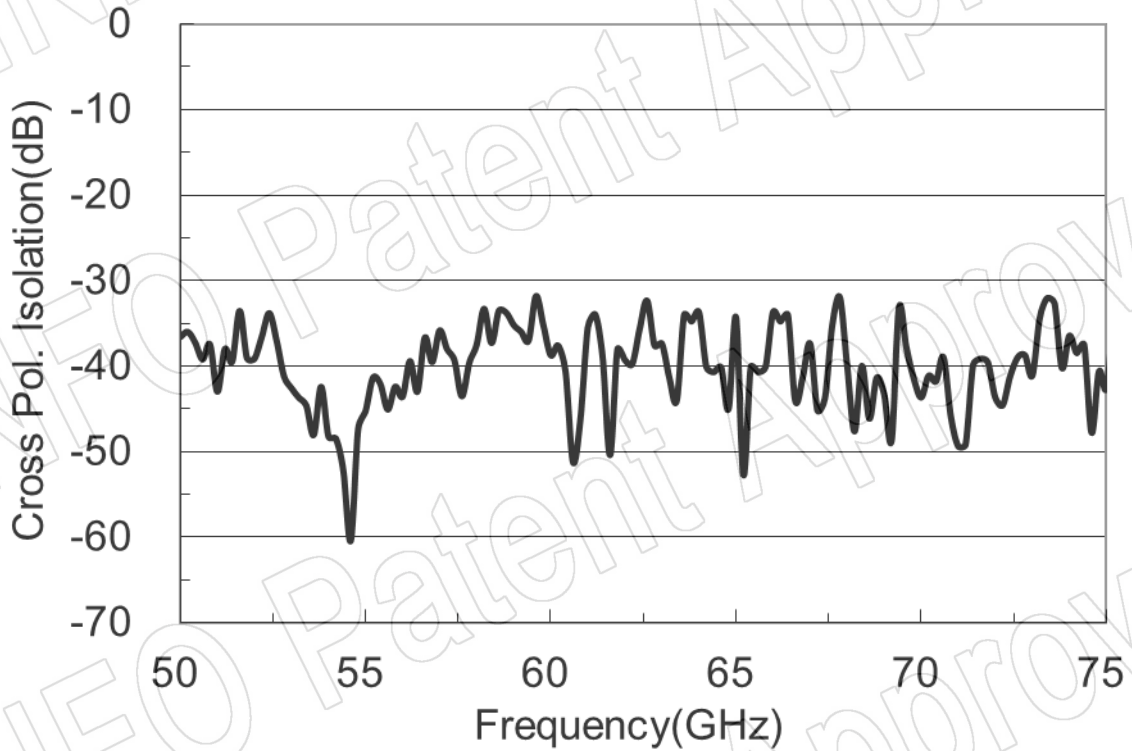
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Test Results

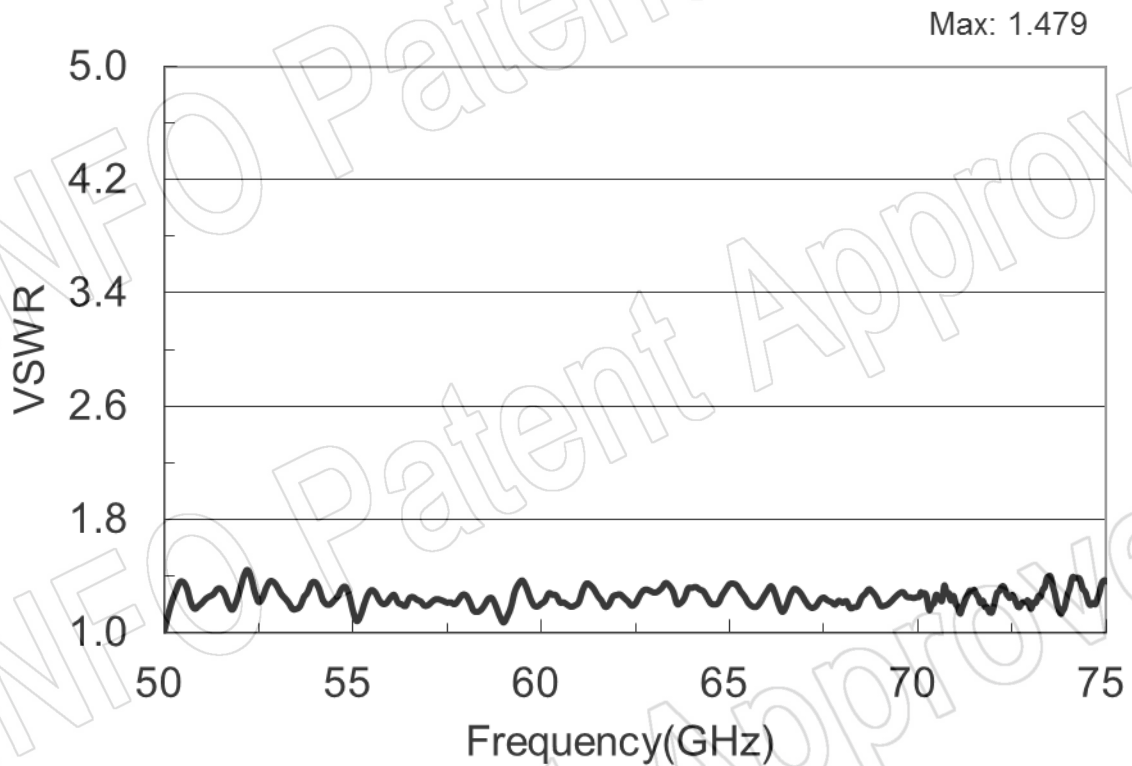
1. Gain & Antenna Factor



2. Cross Polarization Isolation



3. VSWR_A Type



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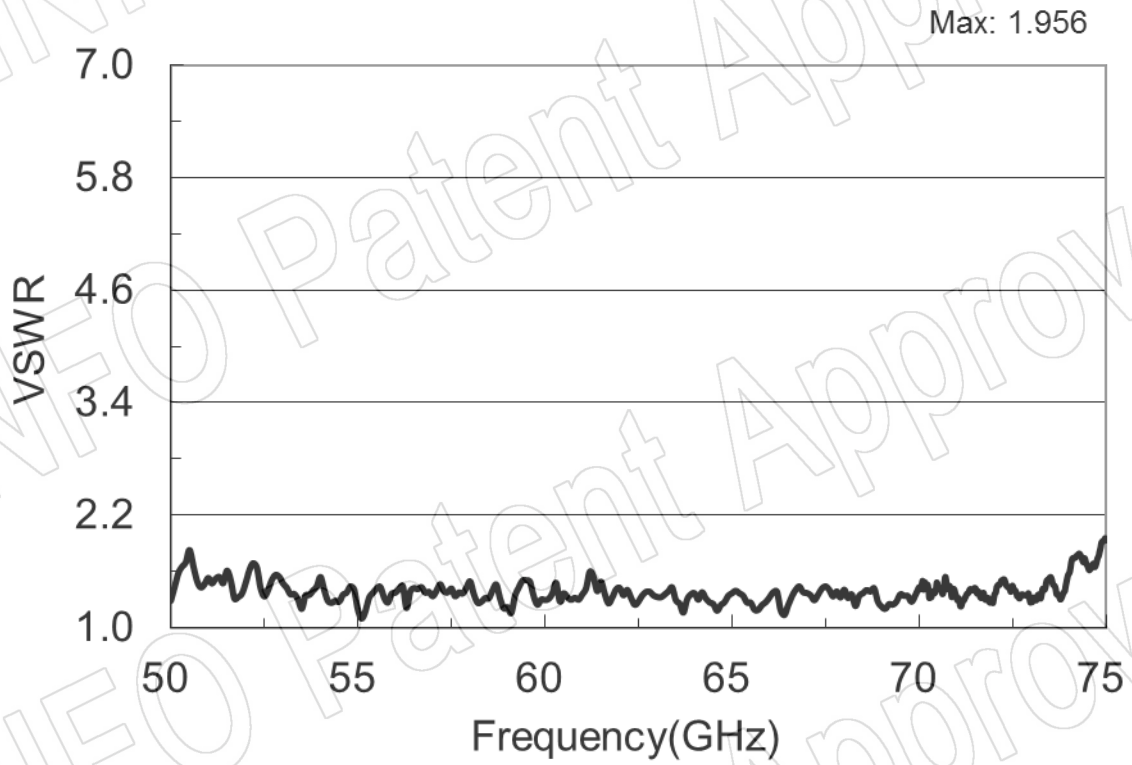
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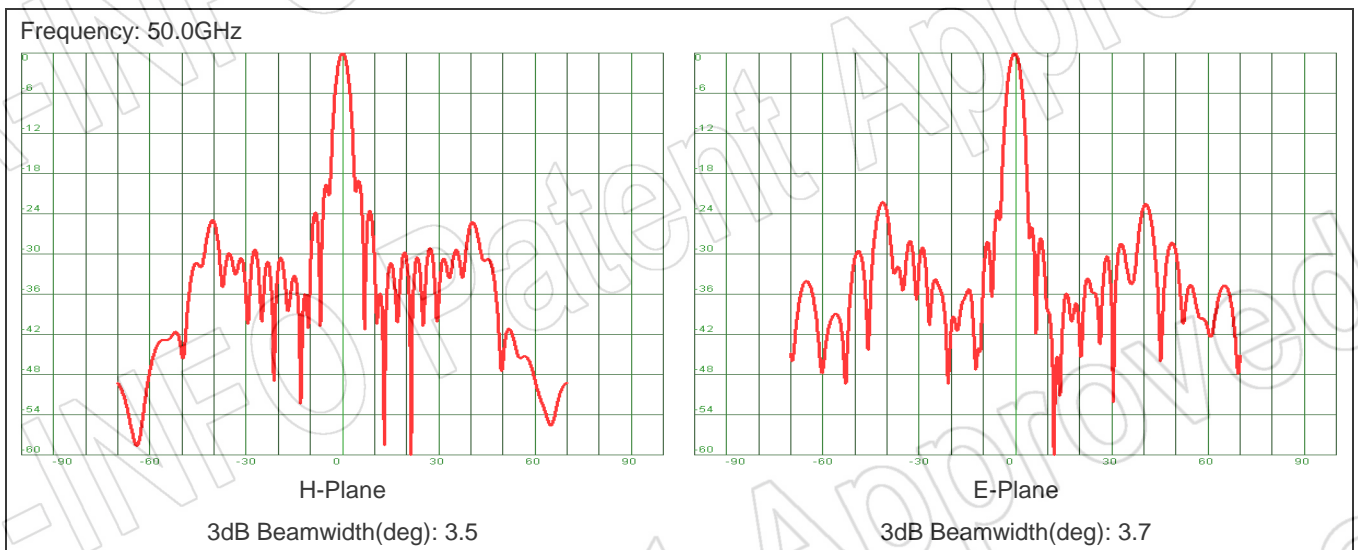
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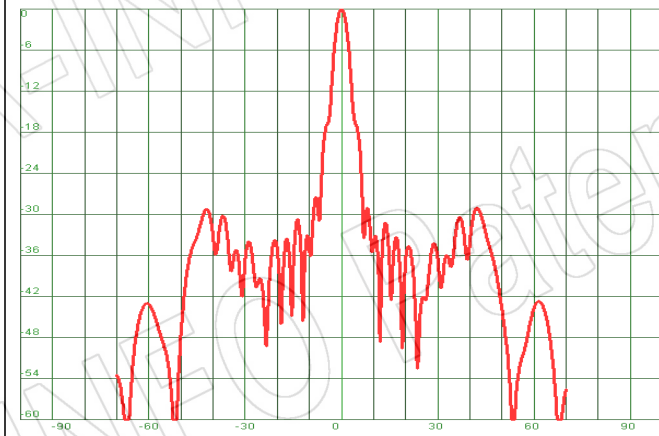
VSWR_C Type



4. Pattern

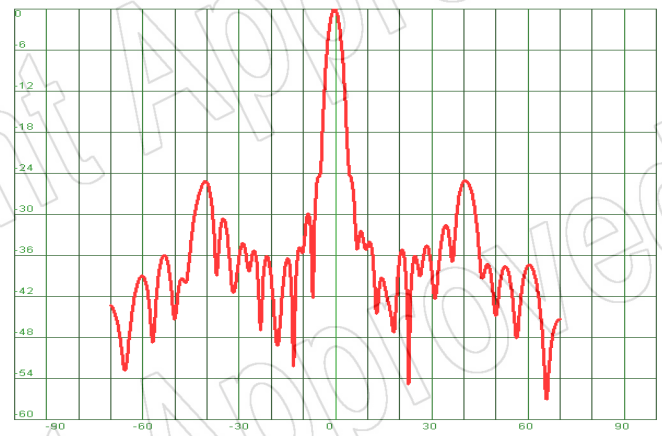


Frequency: 50.5GHz



H-Plane

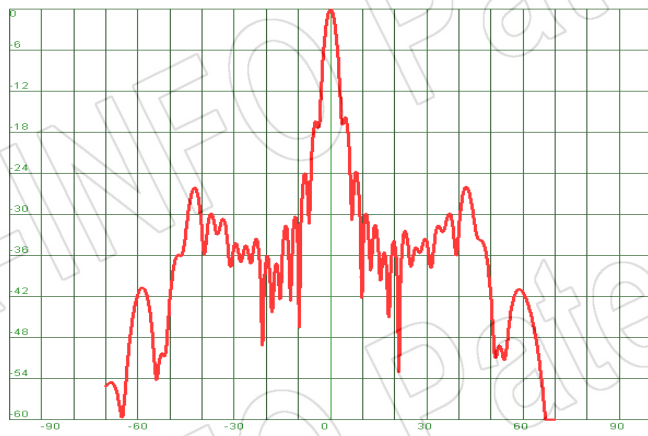
3dB Beamwidth(deg): 3.4



E-Plane

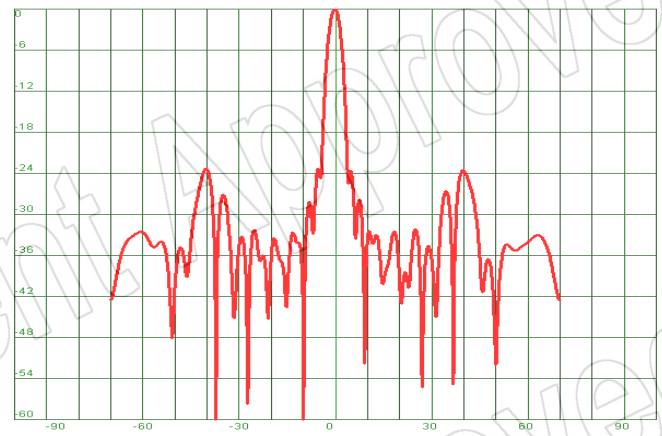
3dB Beamwidth(deg): 3.4

Frequency: 51.0GHz



H-Plane

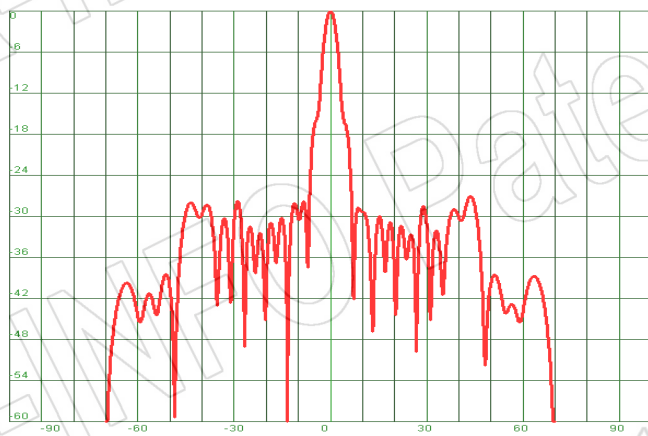
3dB Beamwidth(deg): 3.2



E-Plane

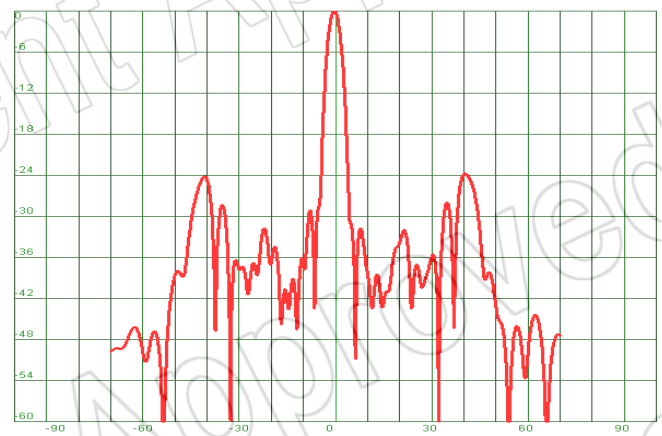
3dB Beamwidth(deg): 3.4

Frequency: 51.5GHz



H-Plane

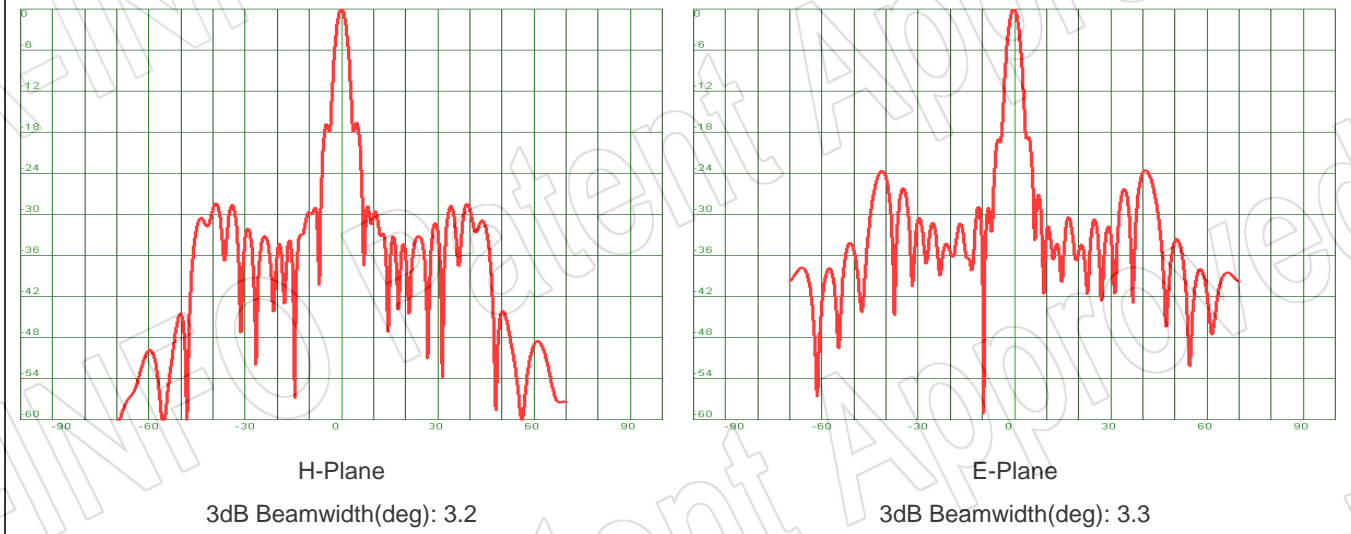
3dB Beamwidth(deg): 3.4



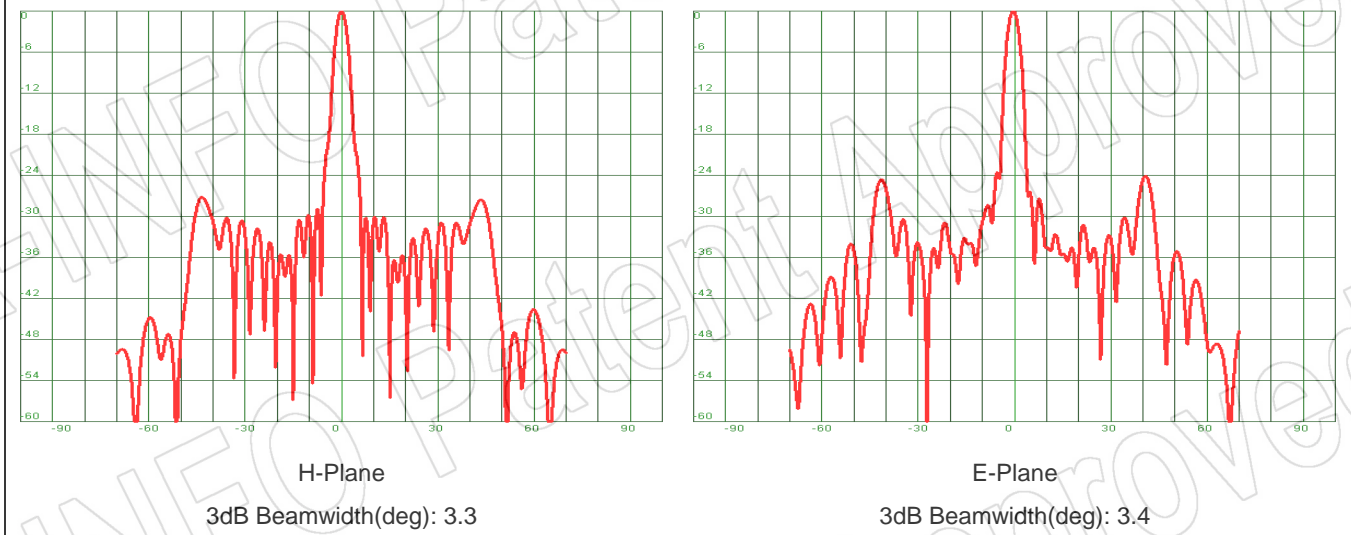
E-Plane

3dB Beamwidth(deg): 3.5

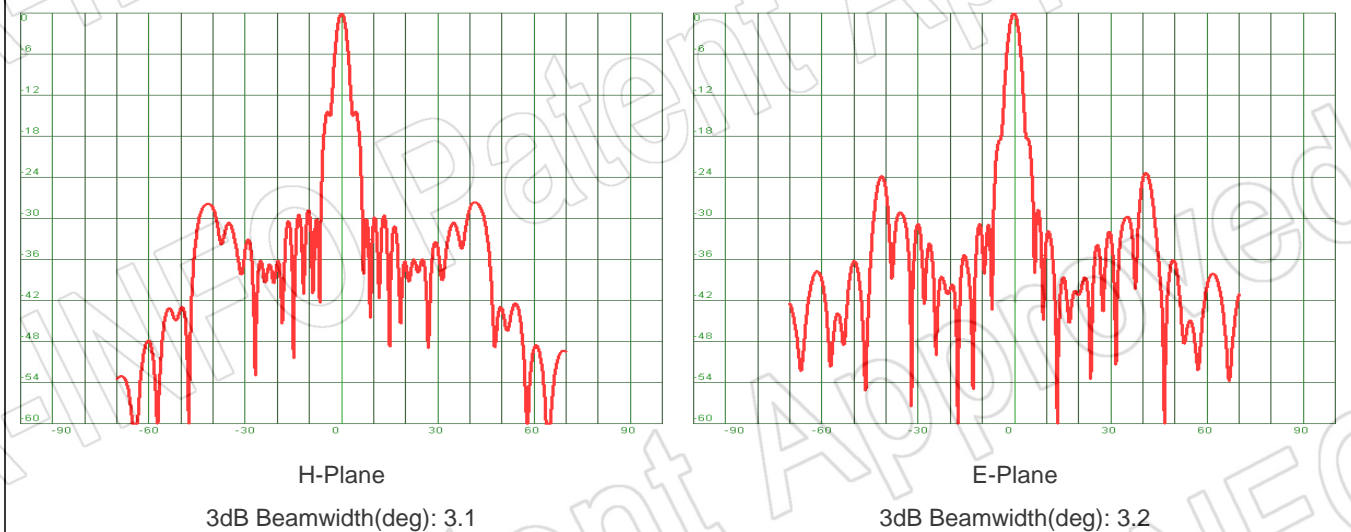
Frequency: 52.0GHz

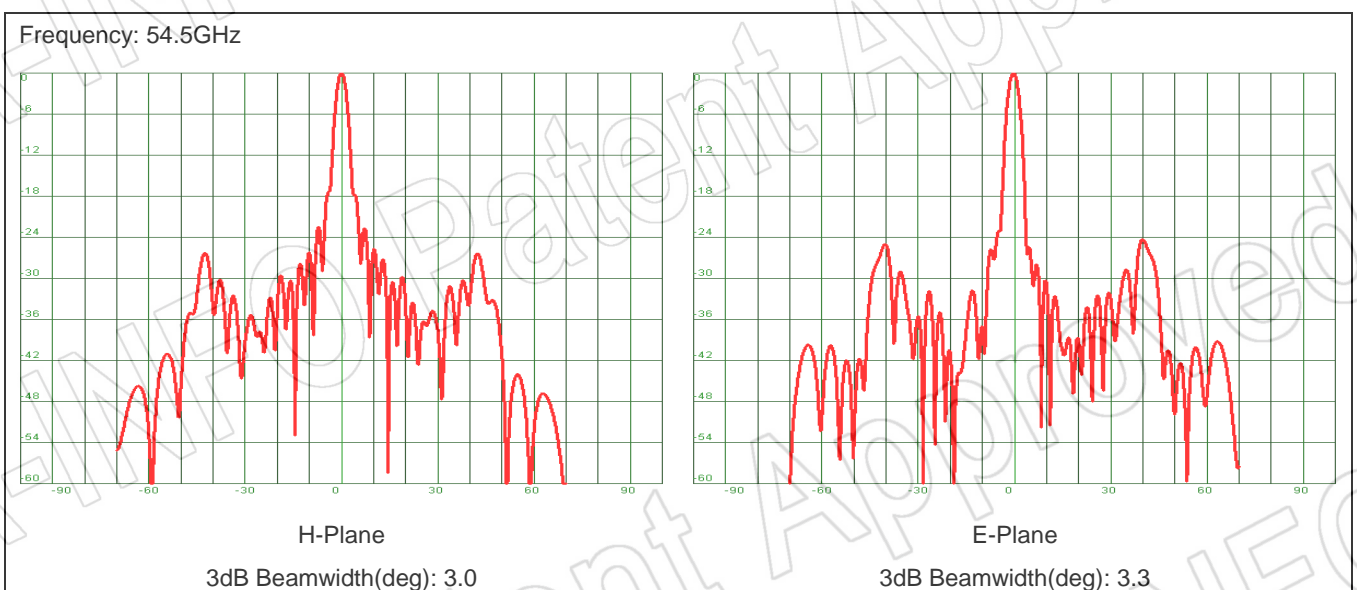
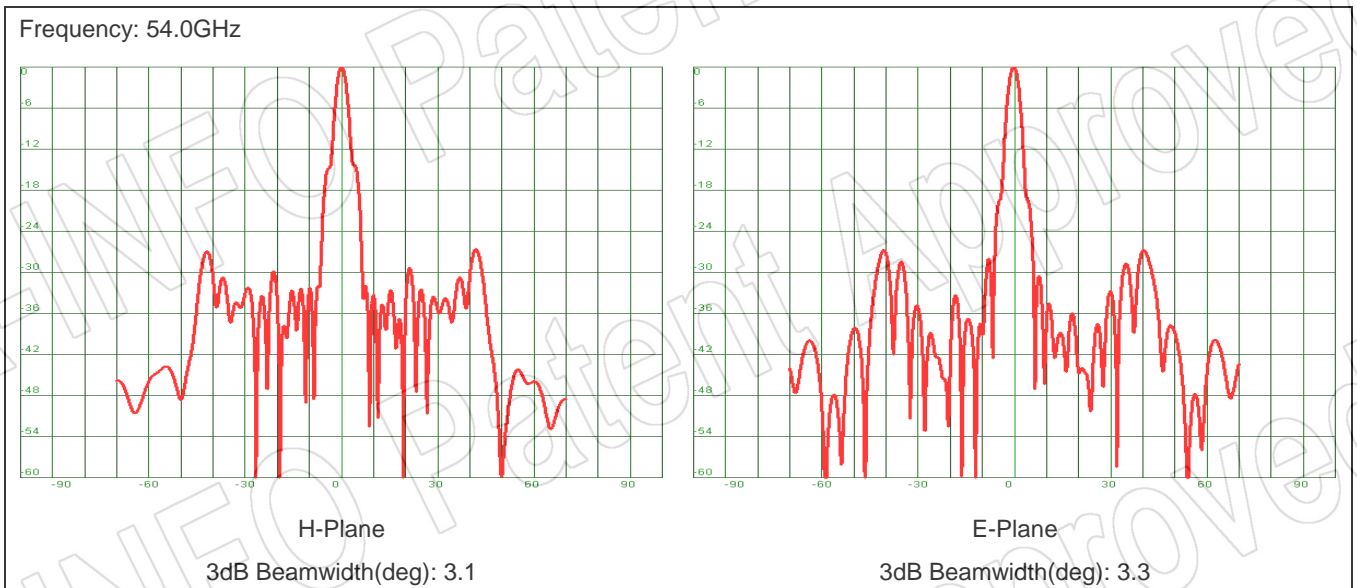
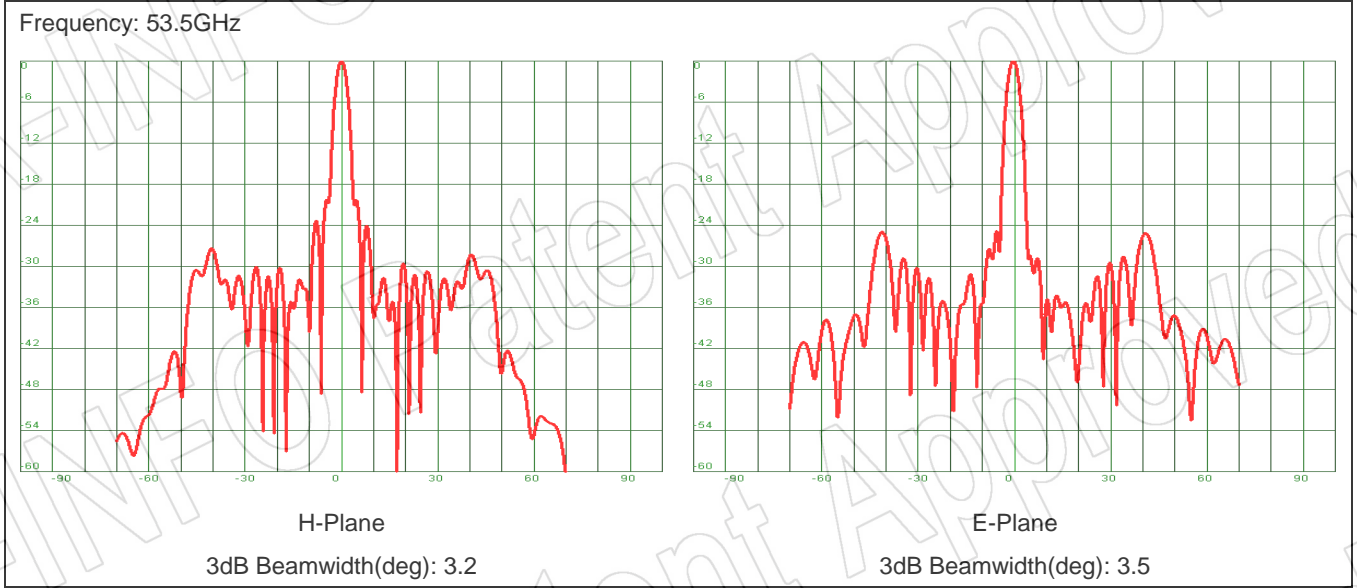


Frequency: 52.5GHz

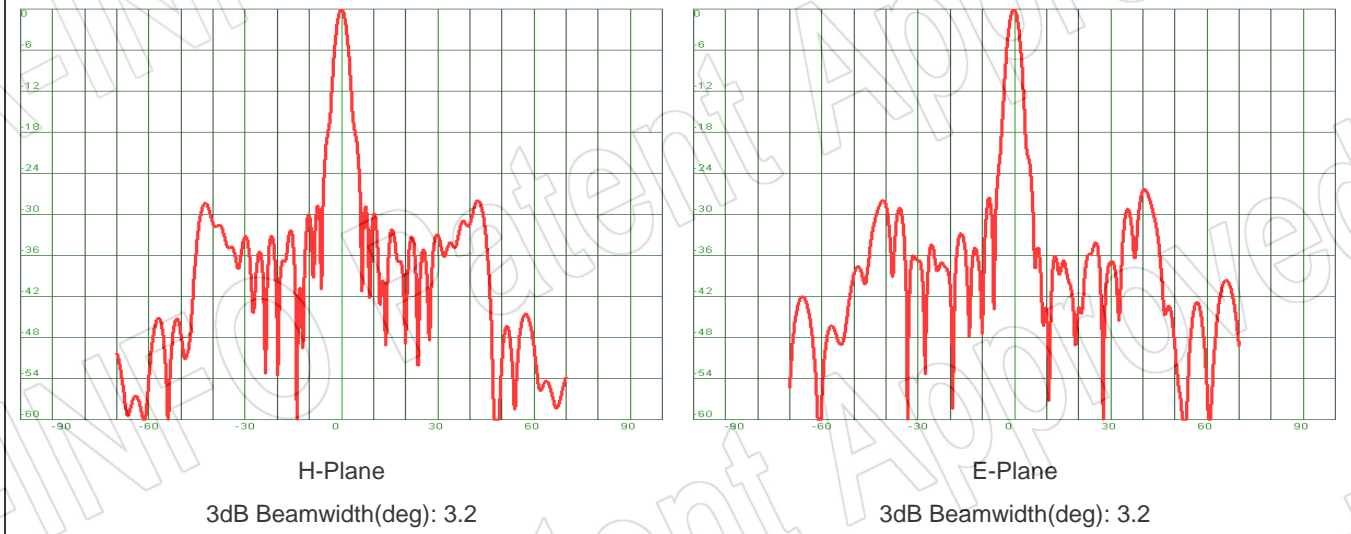


Frequency: 53.0GHz

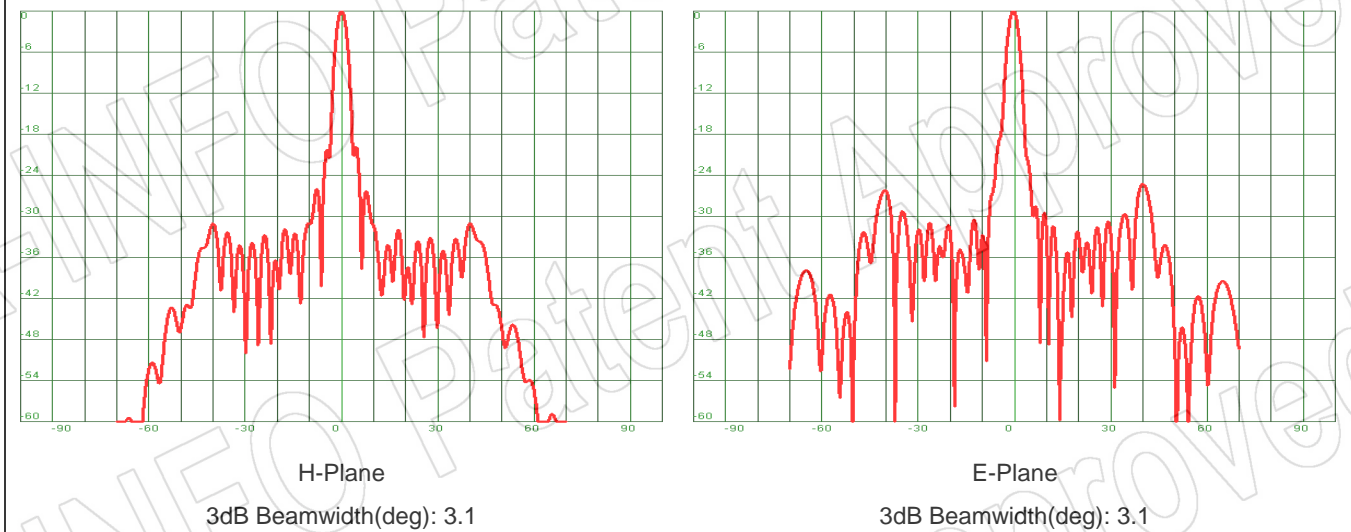




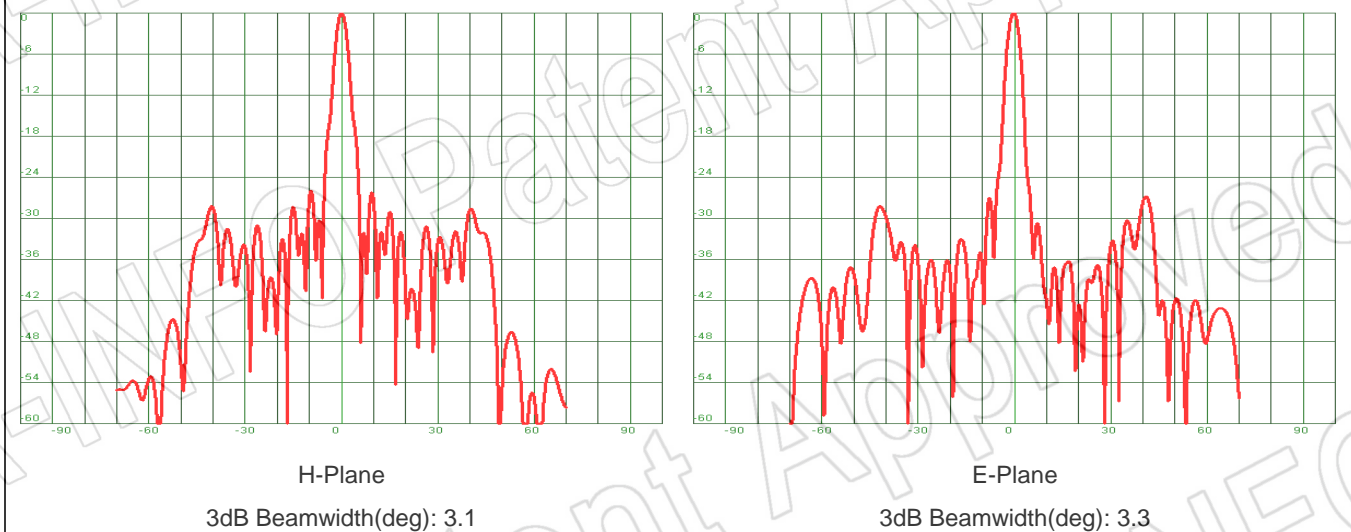
Frequency: 55.0GHz



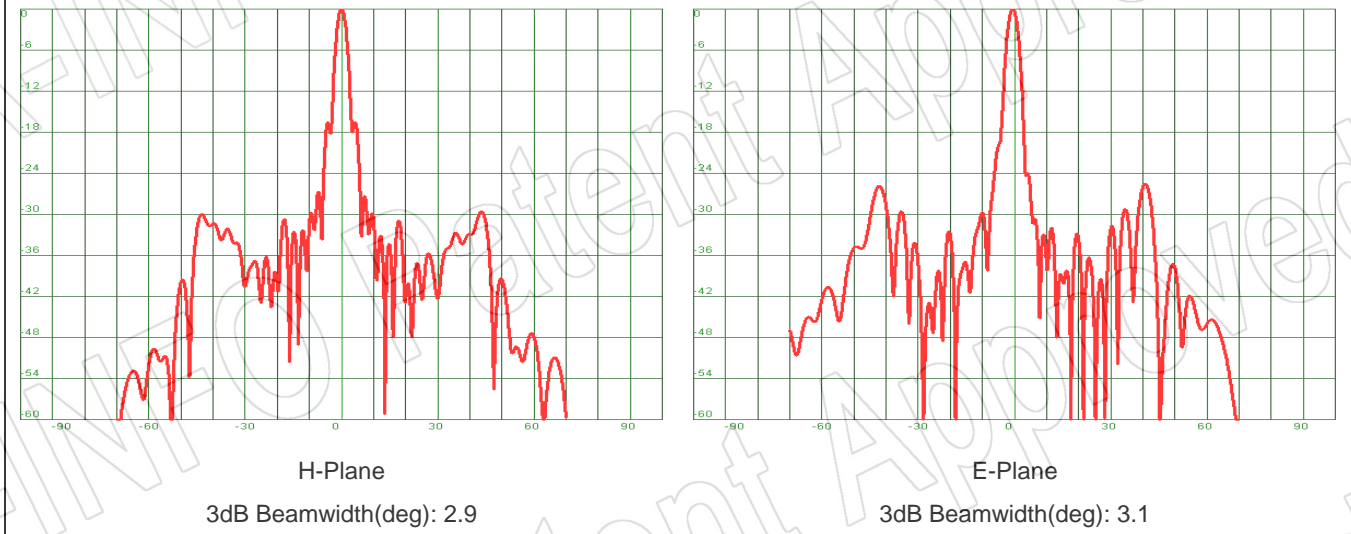
Frequency: 55.5GHz



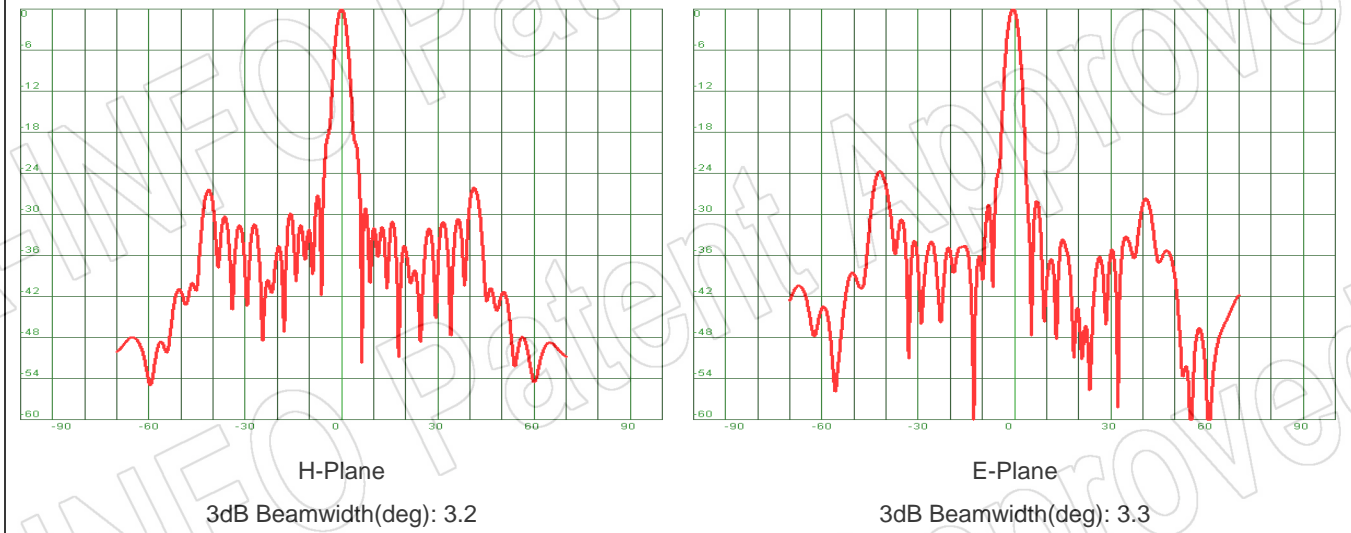
Frequency: 56.0GHz



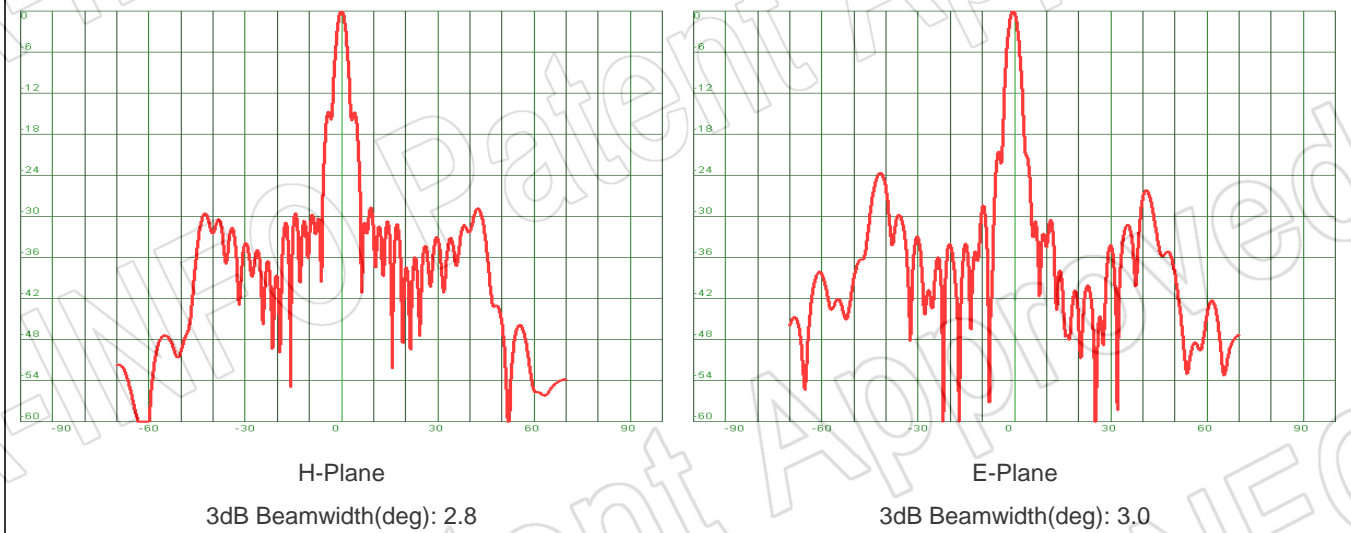
Frequency: 56.5GHz



Frequency: 57.0GHz



Frequency: 57.5GHz



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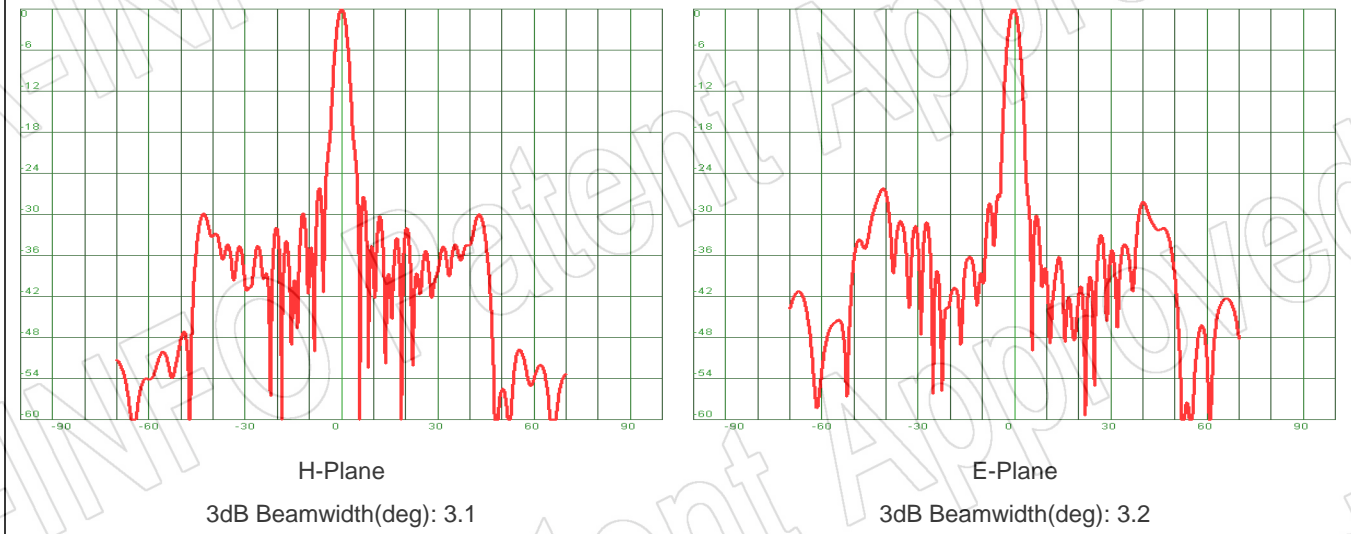
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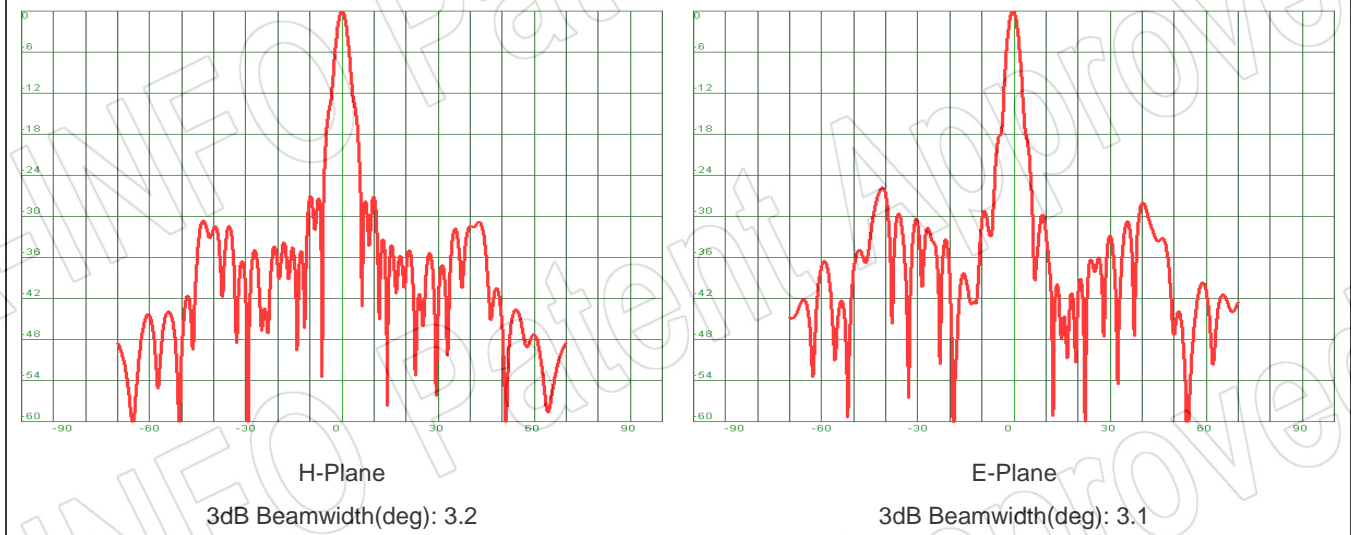
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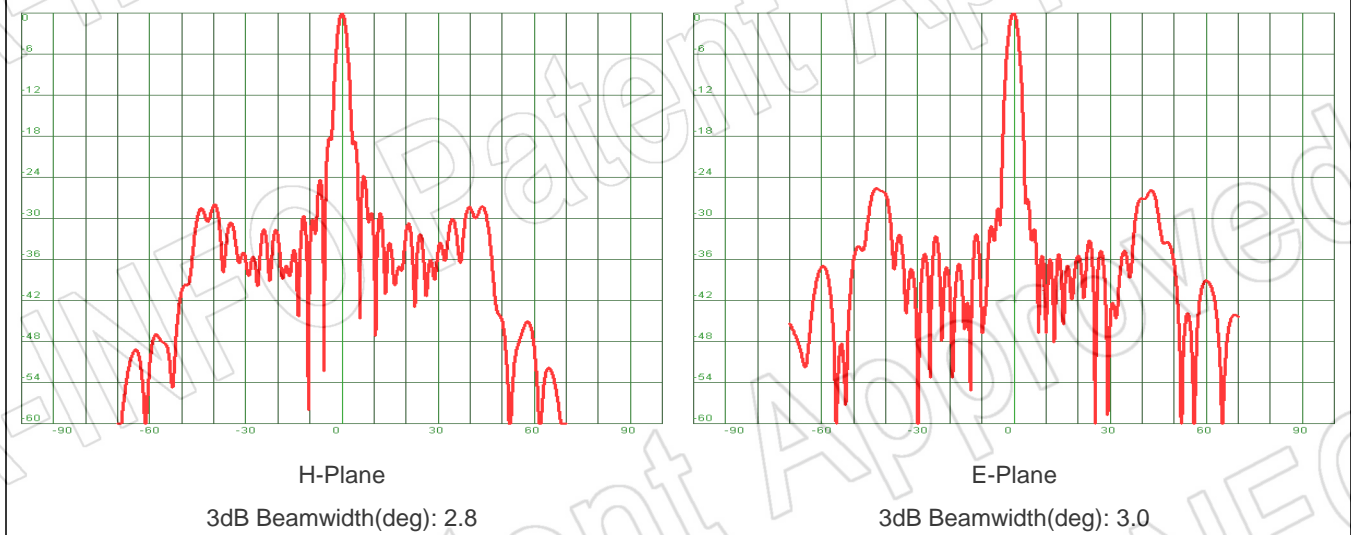
Frequency: 58.0GHz

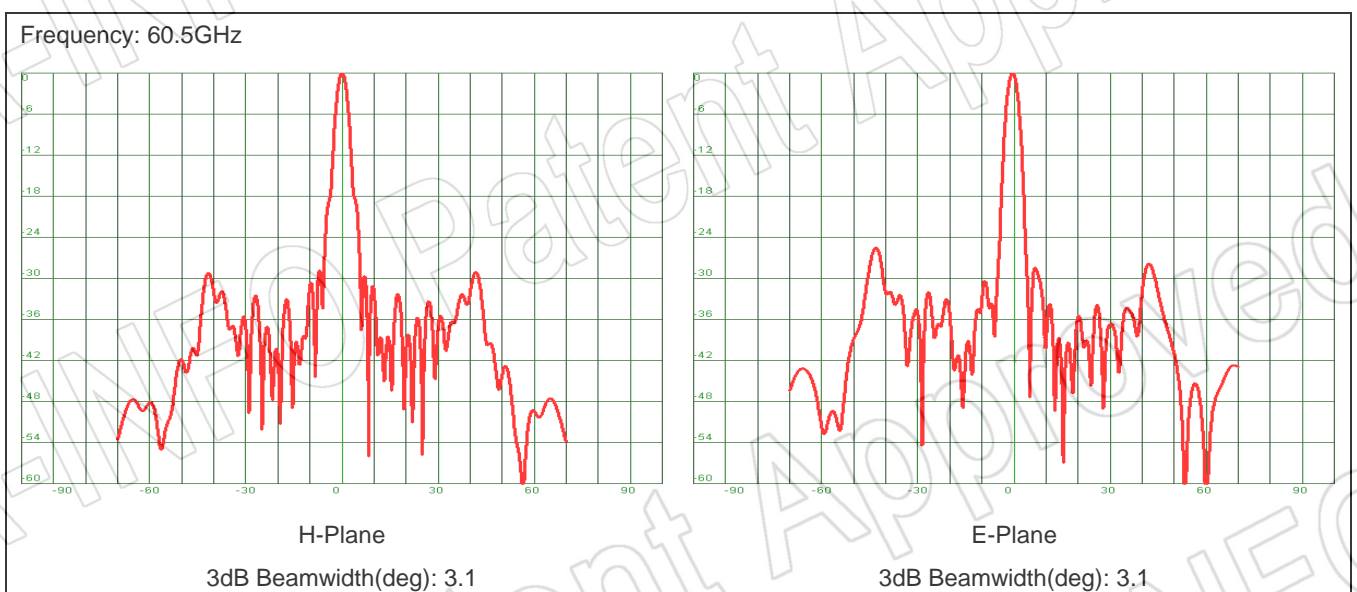
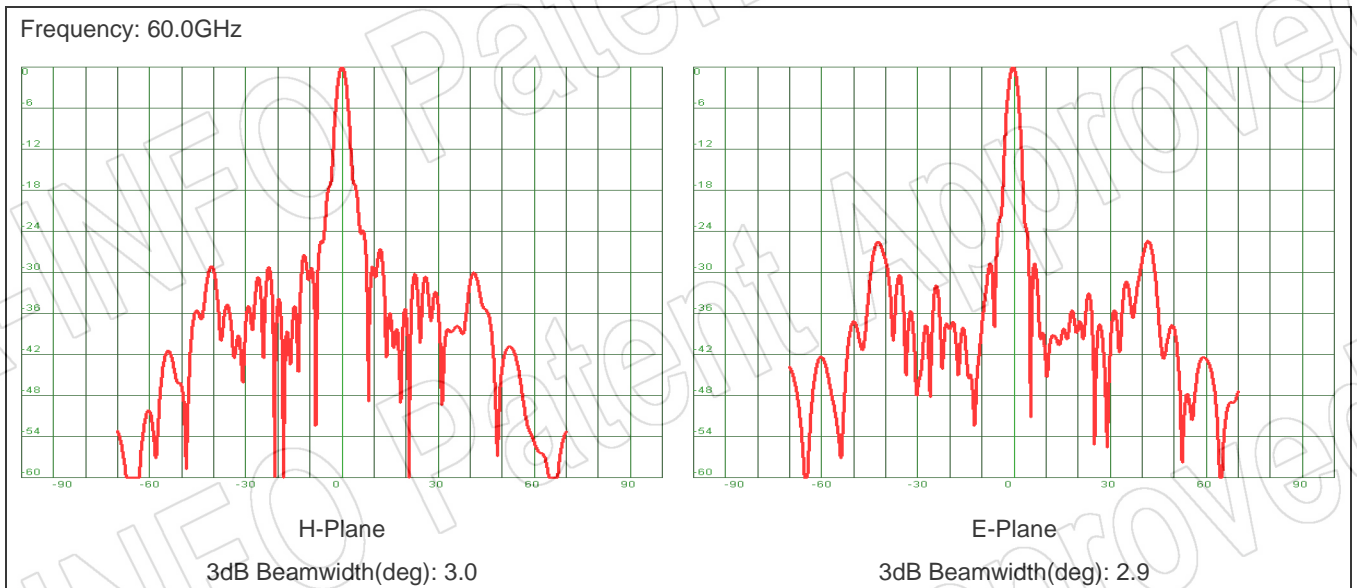
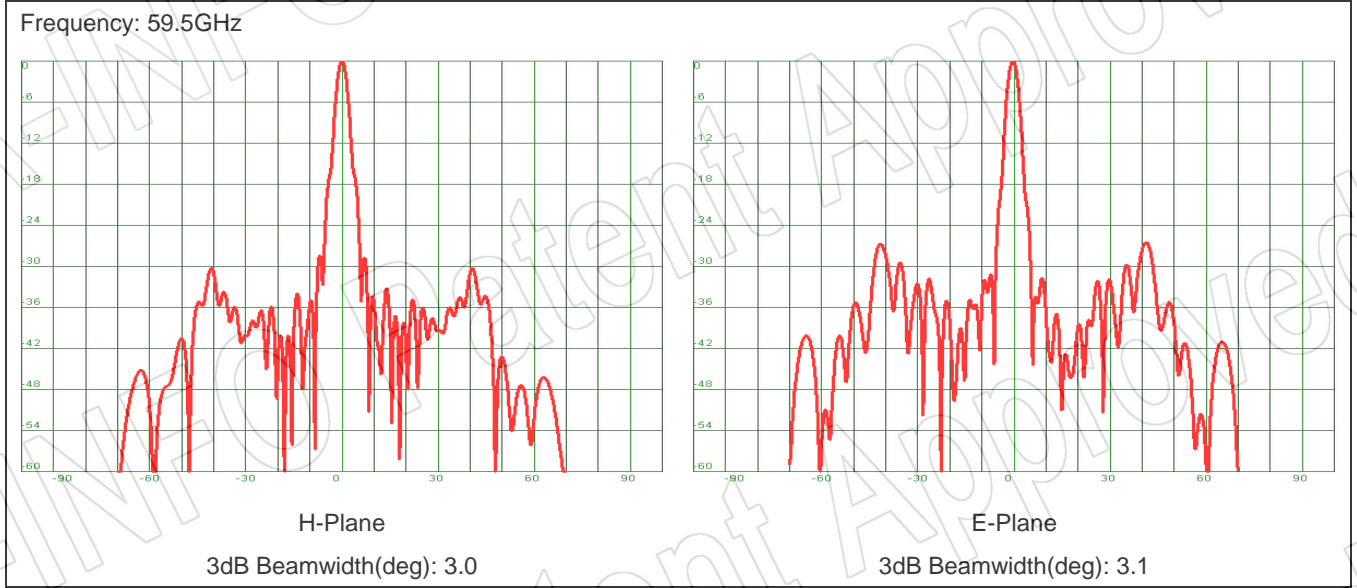


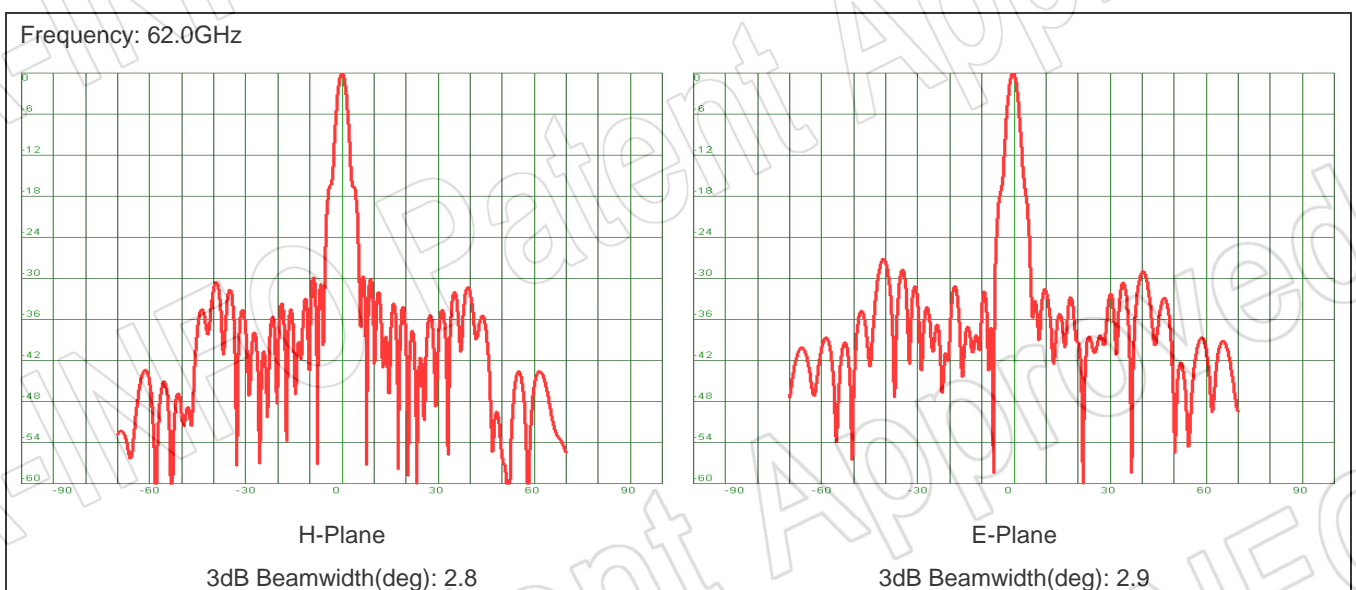
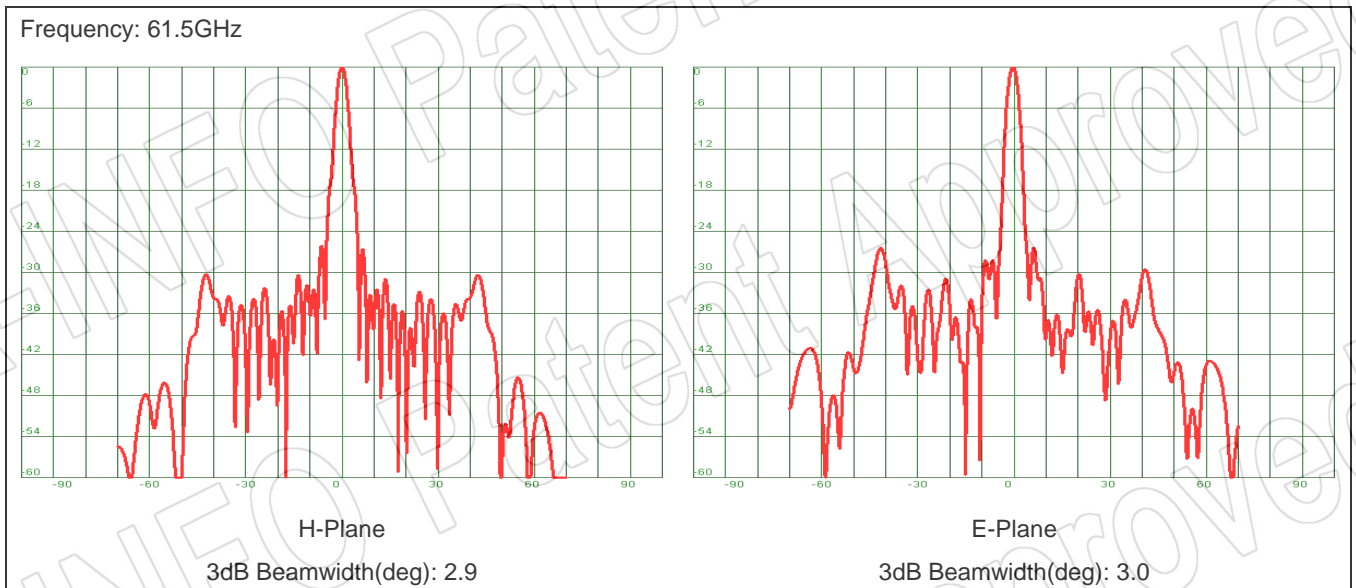
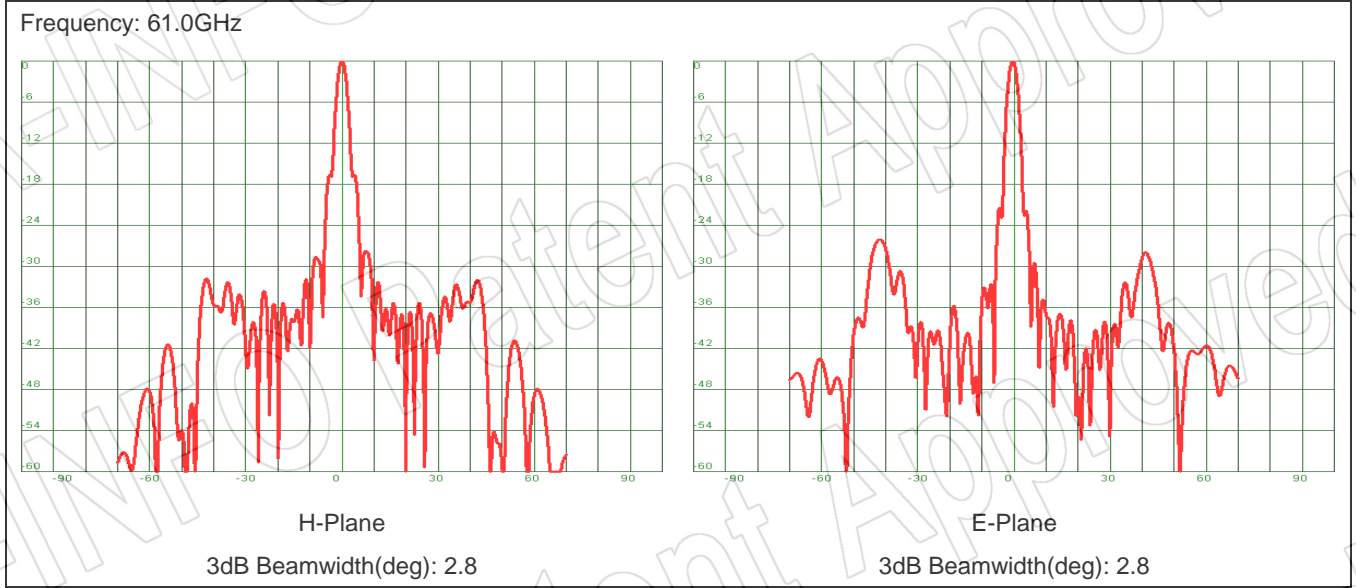
Frequency: 58.5GHz

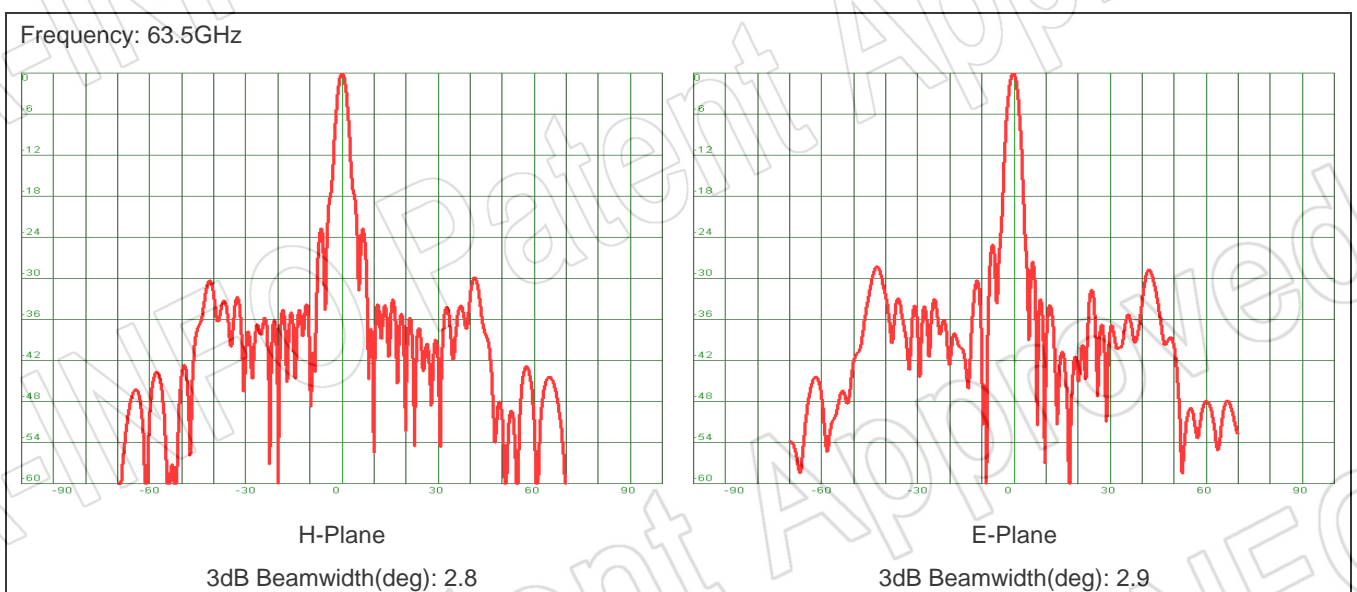
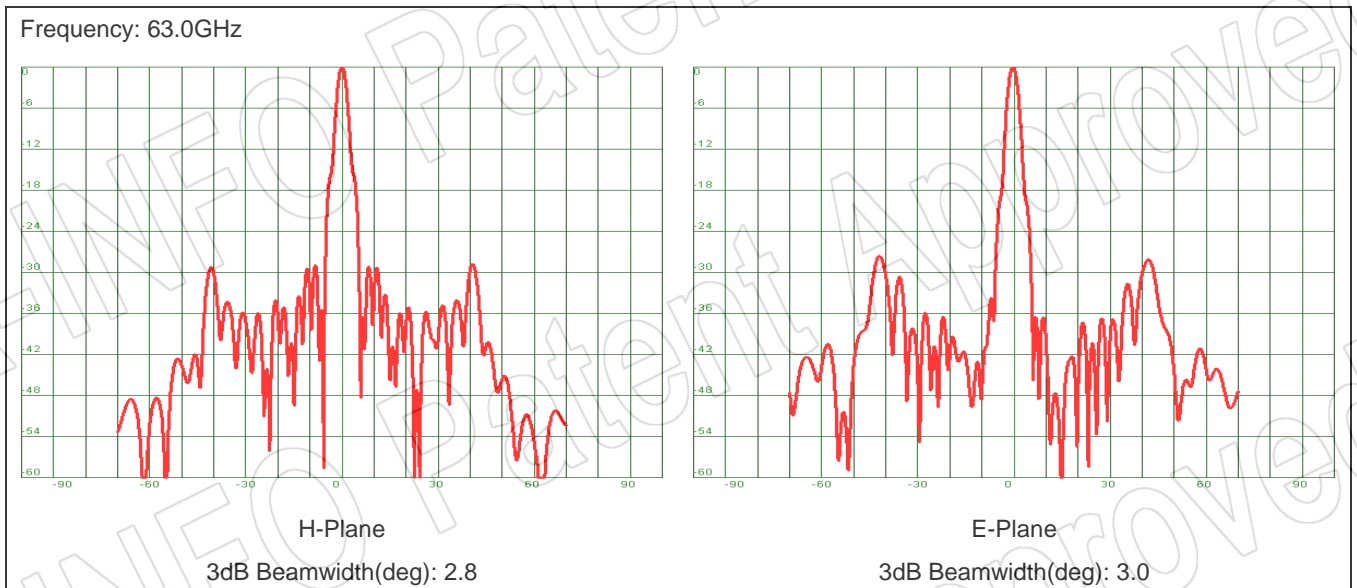
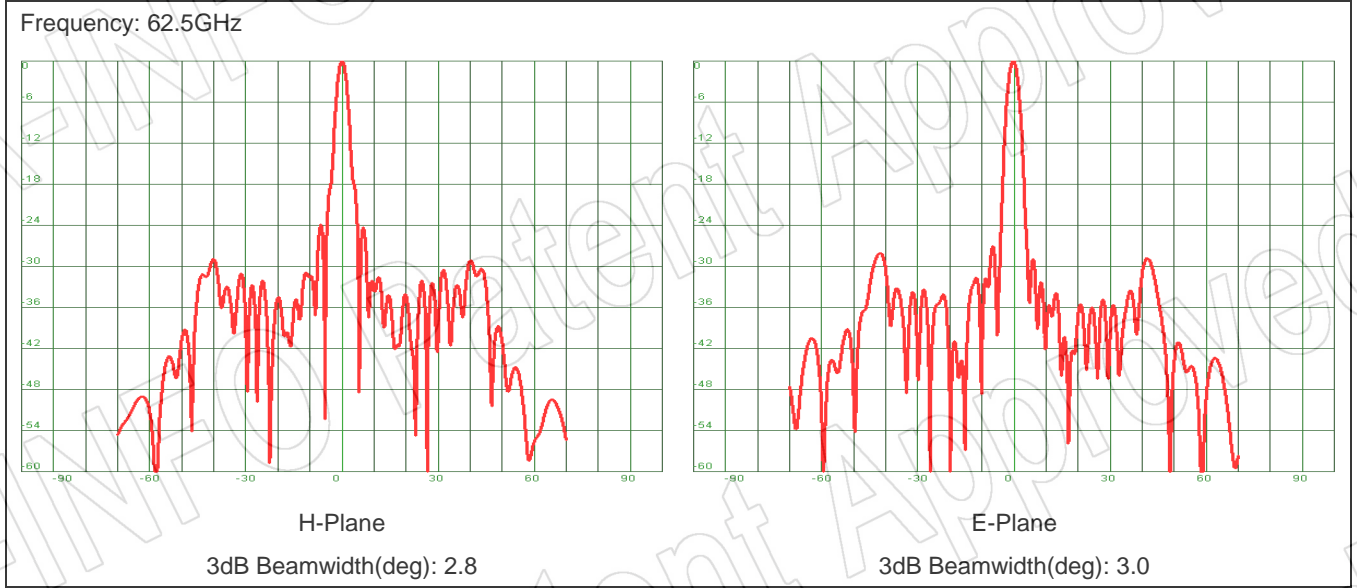


Frequency: 59.0GHz

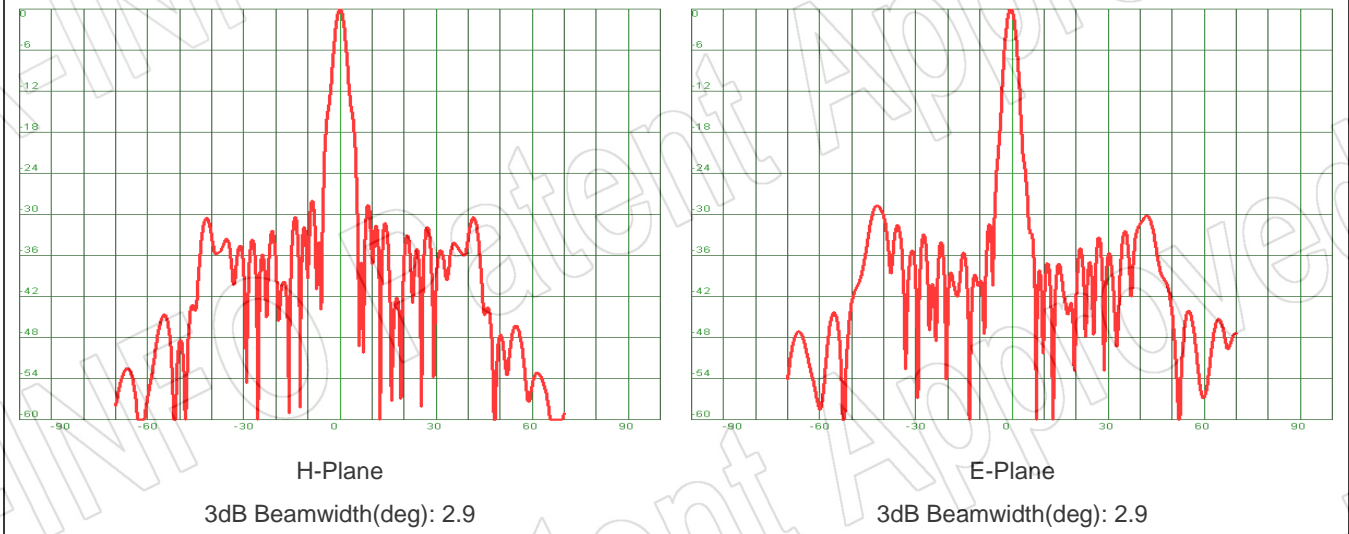




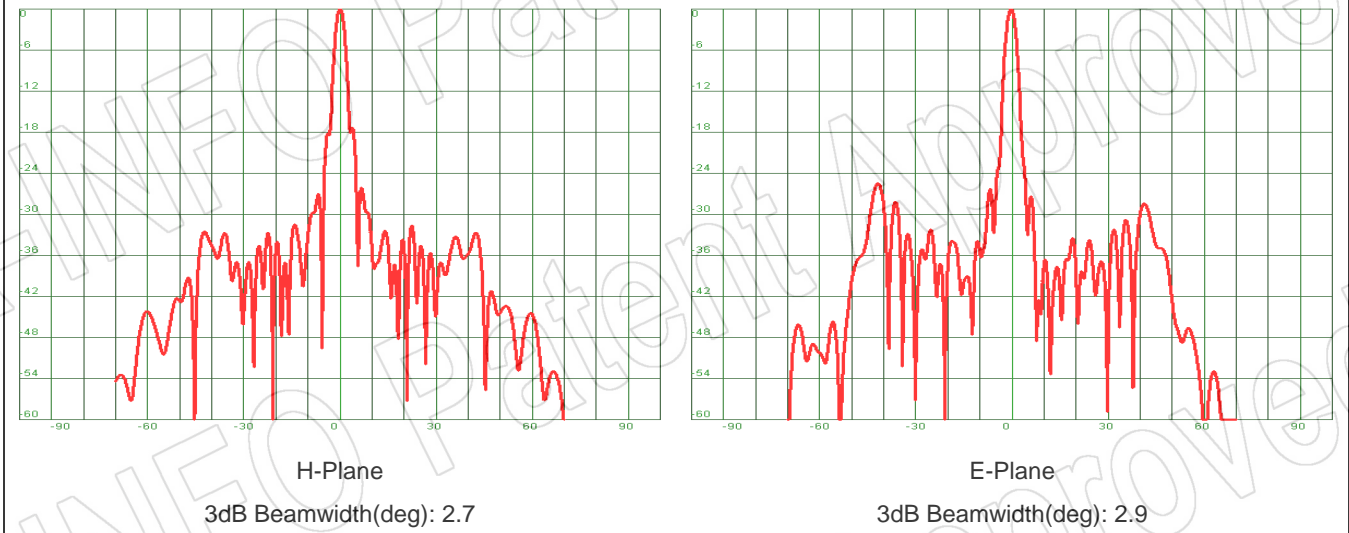




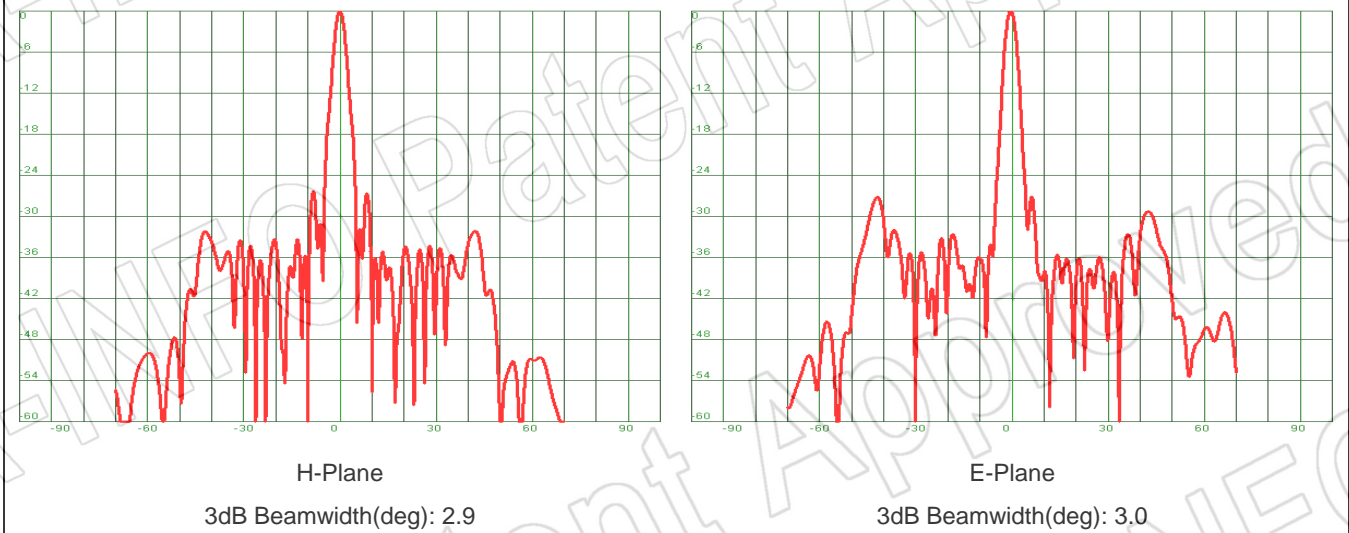
Frequency: 64.0GHz

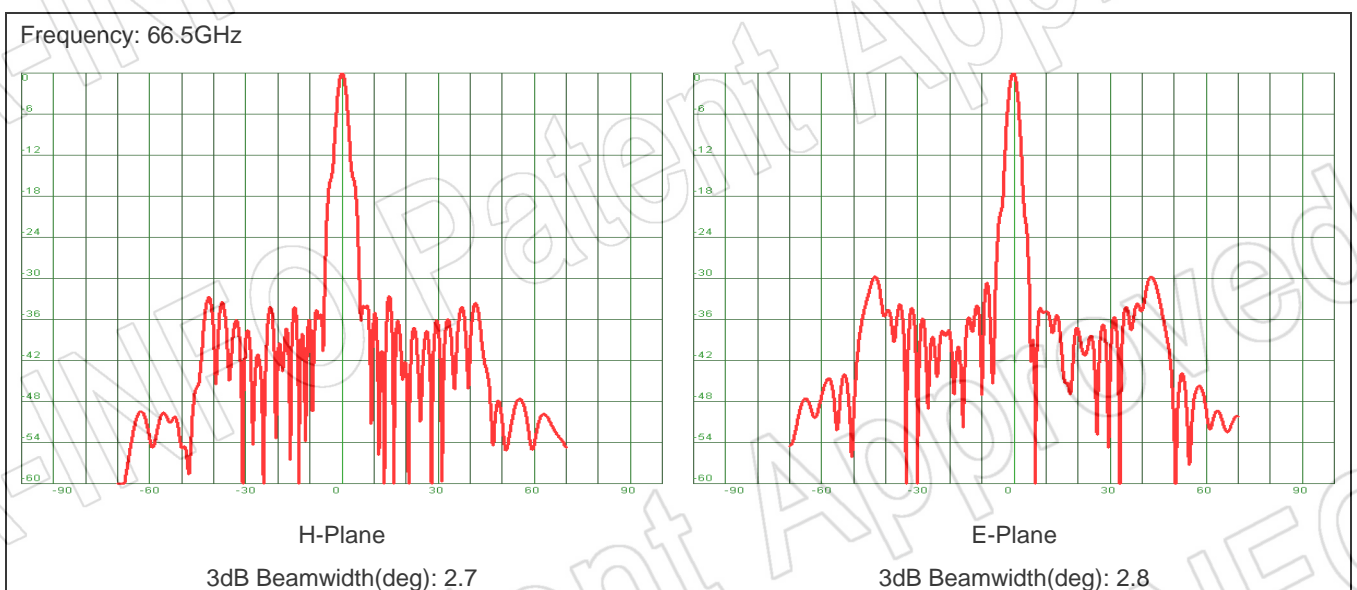
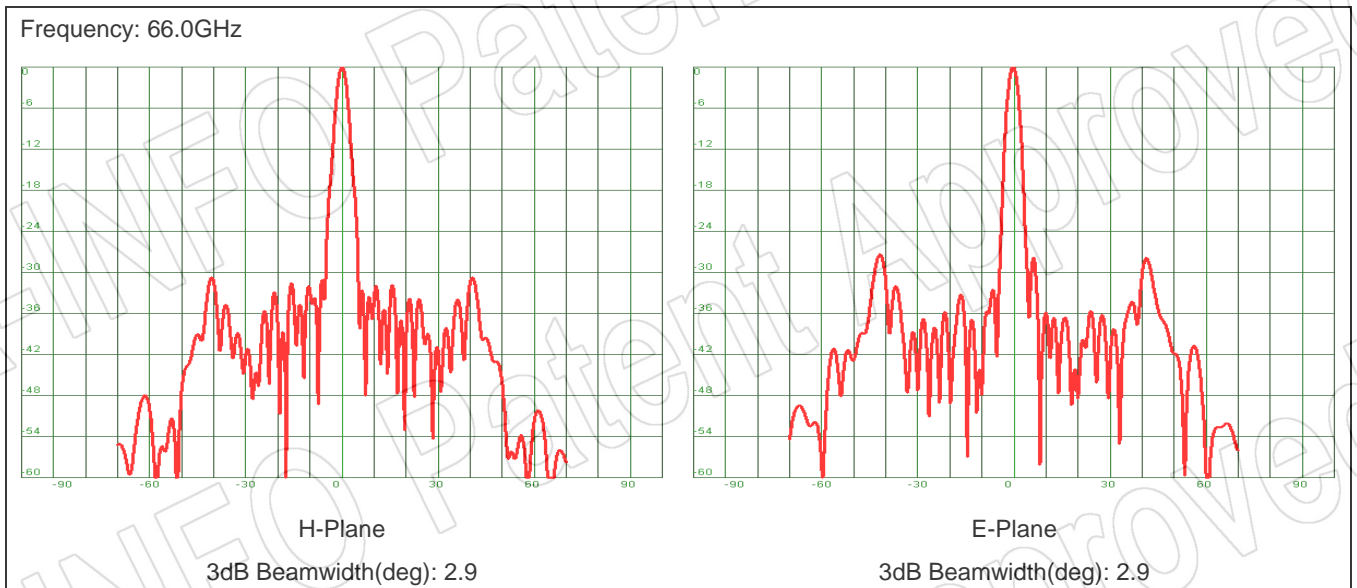
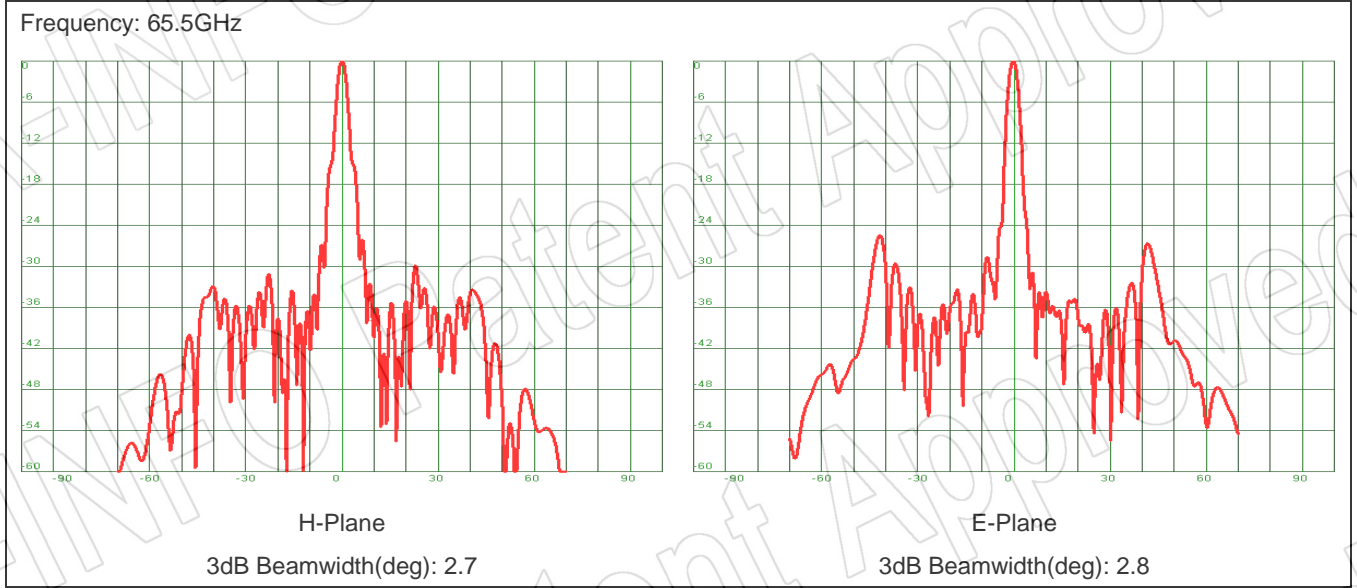


Frequency: 64.5GHz

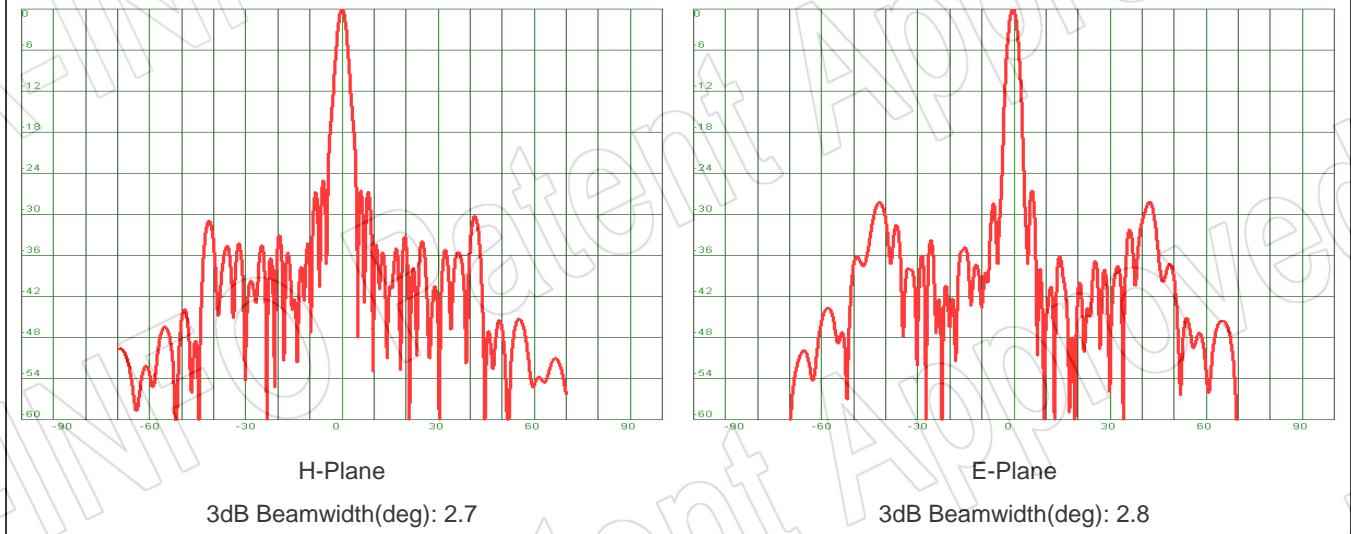


Frequency: 65.0GHz

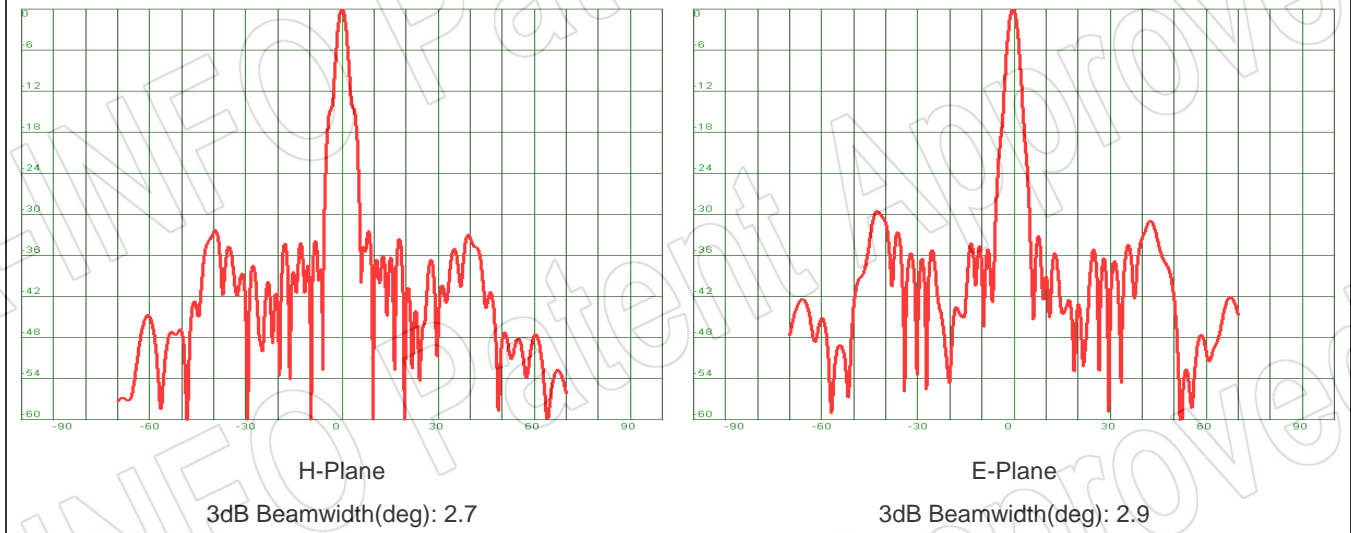




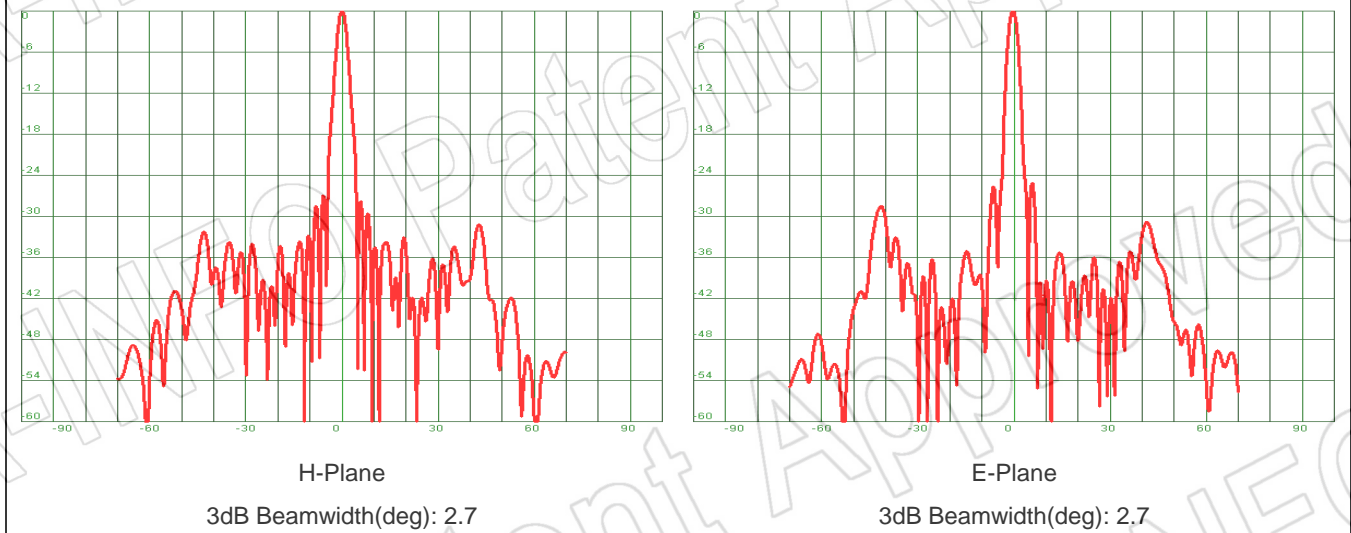
Frequency: 67.0GHz

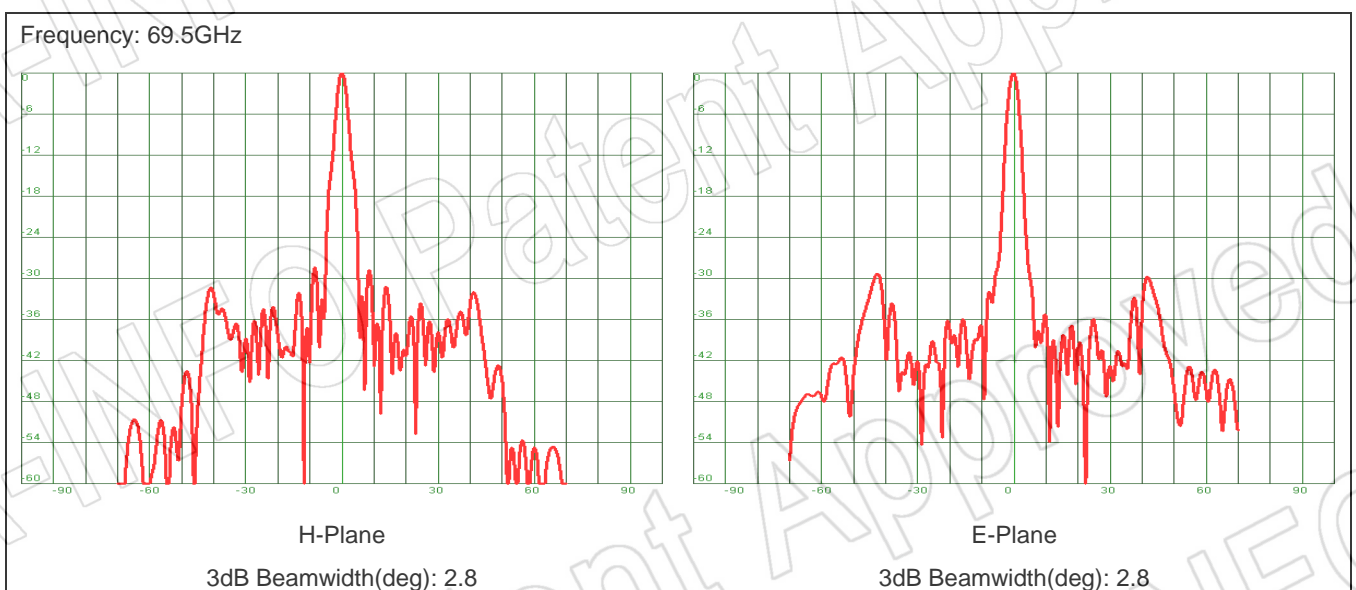
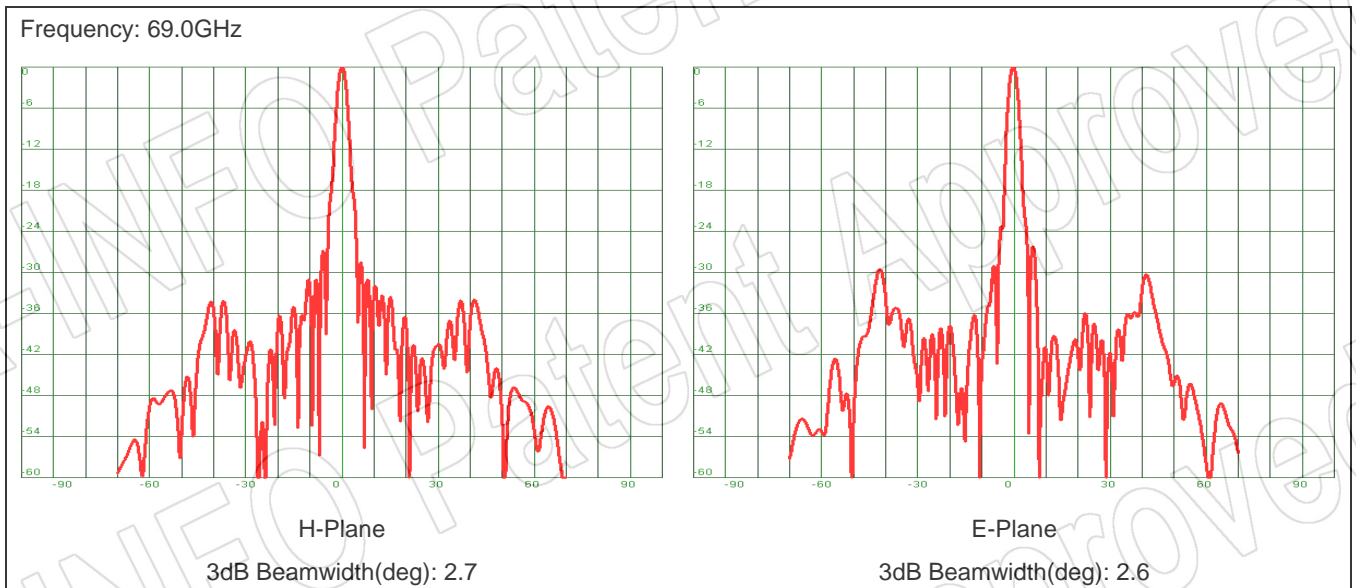
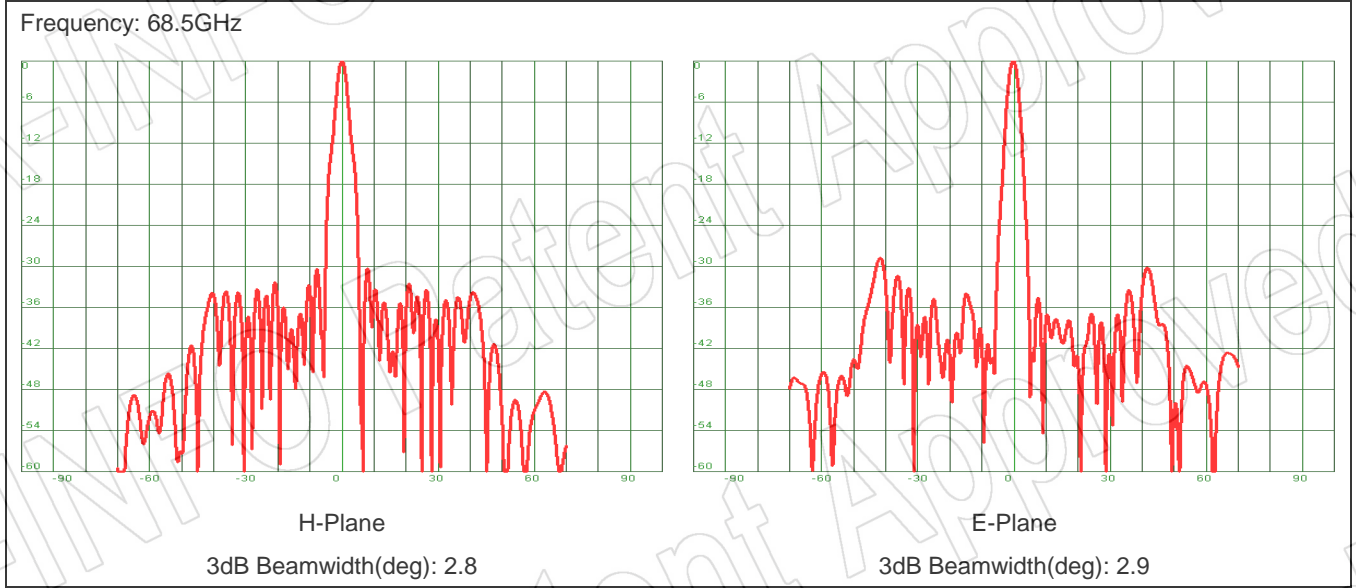


Frequency: 67.5GHz

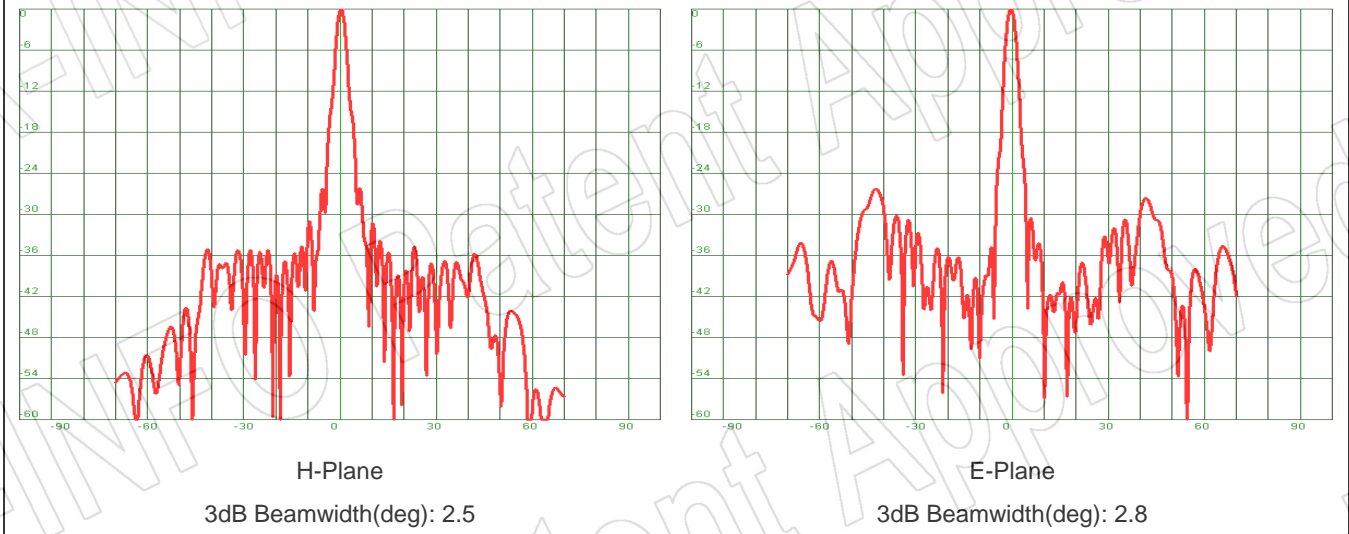


Frequency: 68.0GHz

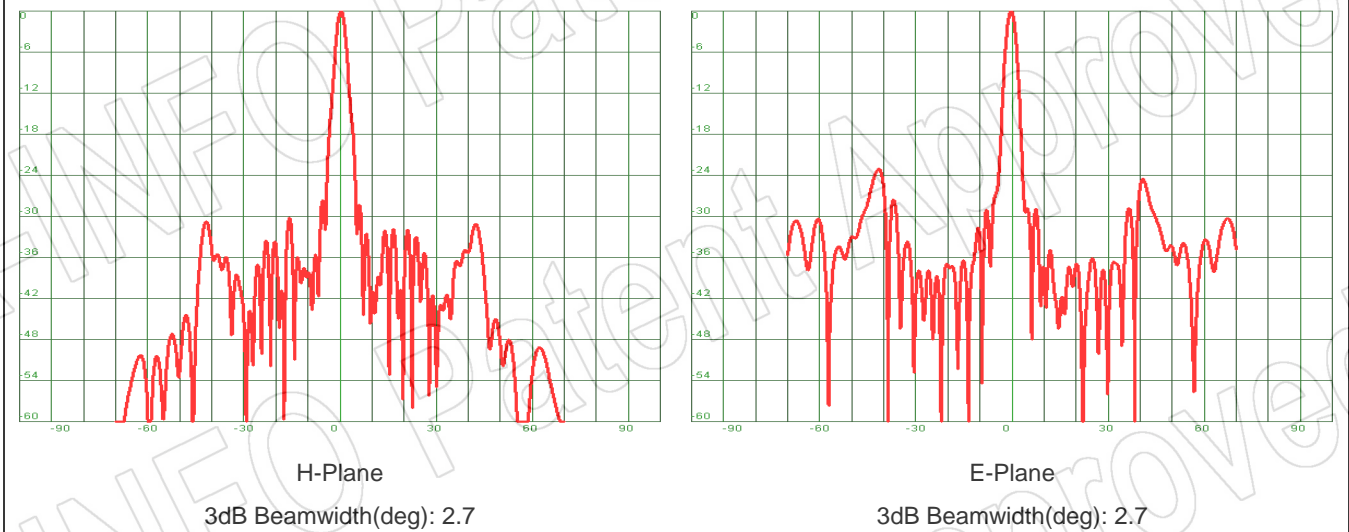




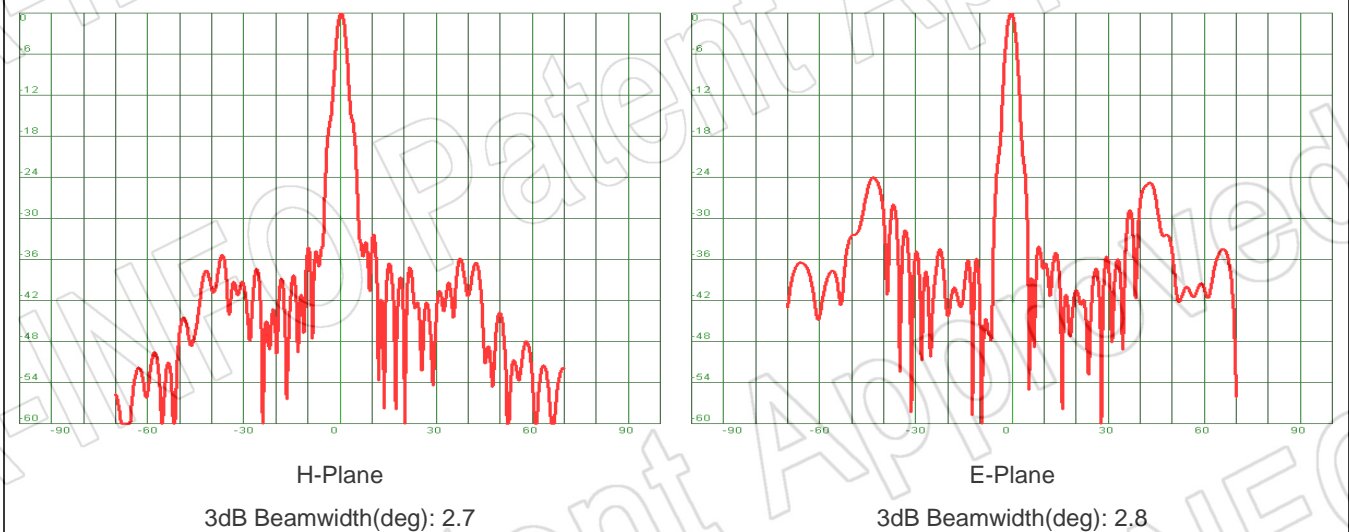
Frequency: 70.0GHz



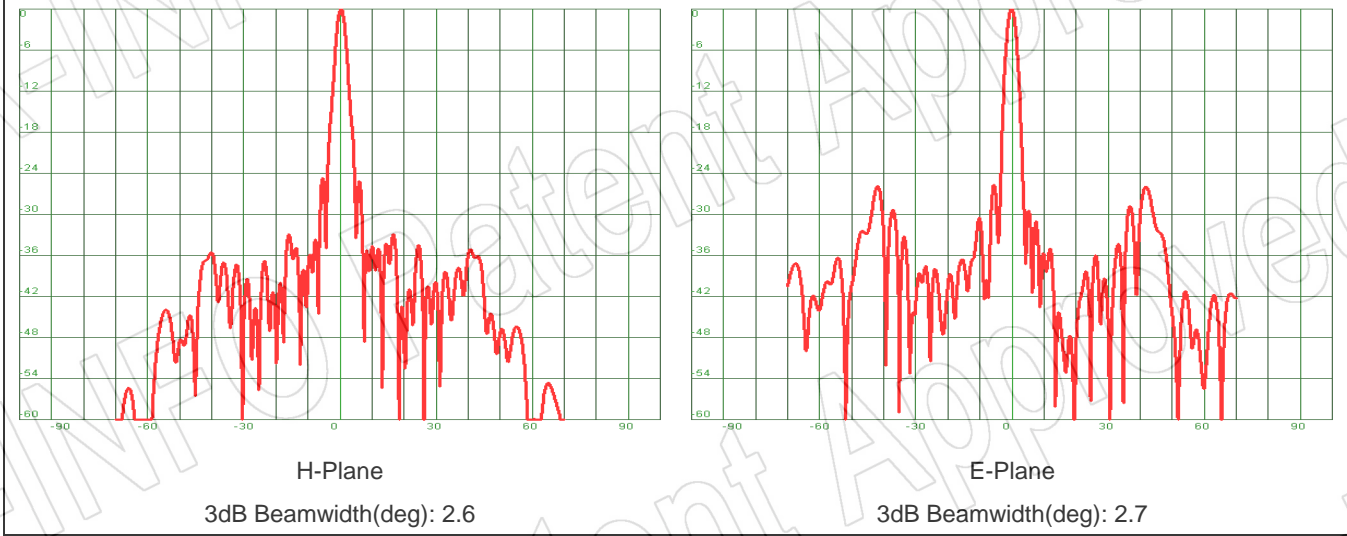
Frequency: 70.5GHz



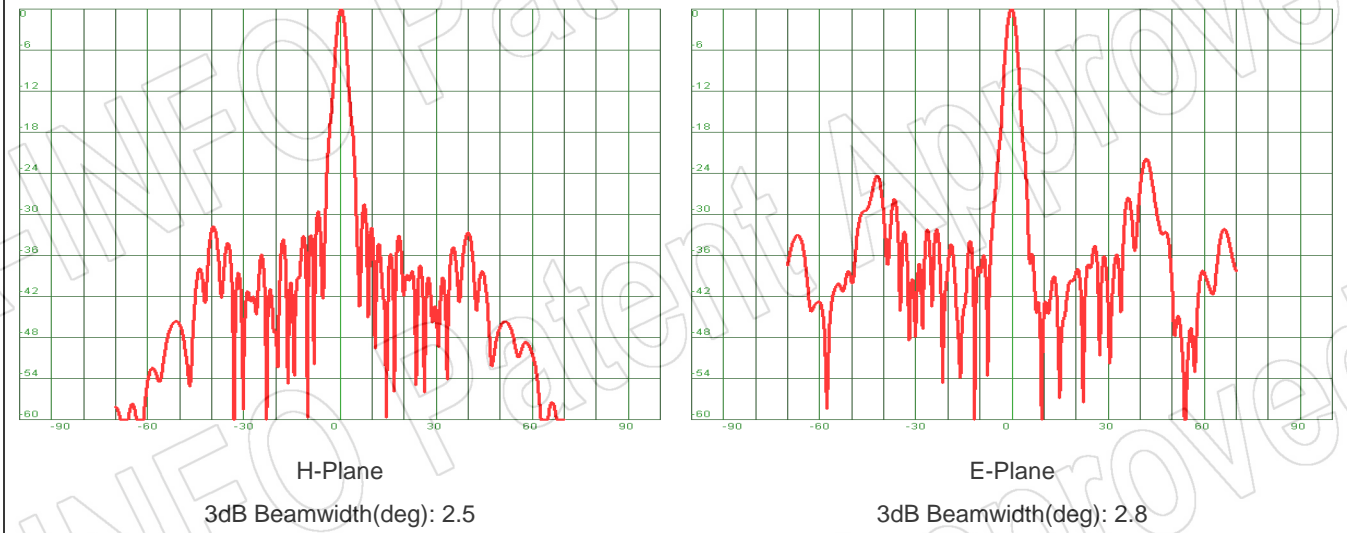
Frequency: 71.0GHz



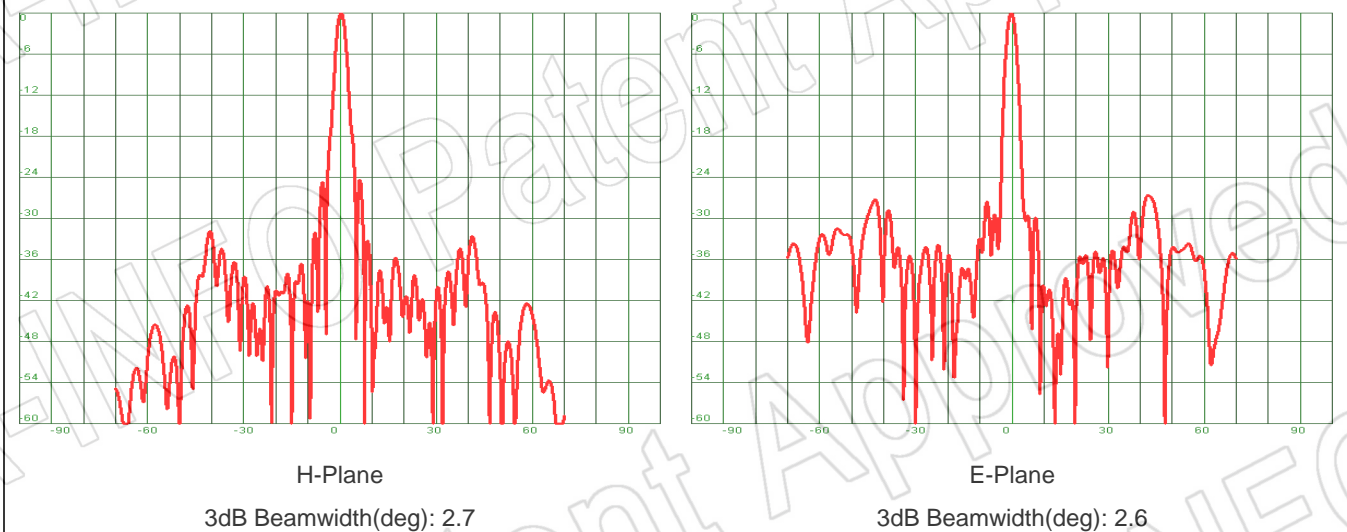
Frequency: 71.5GHz



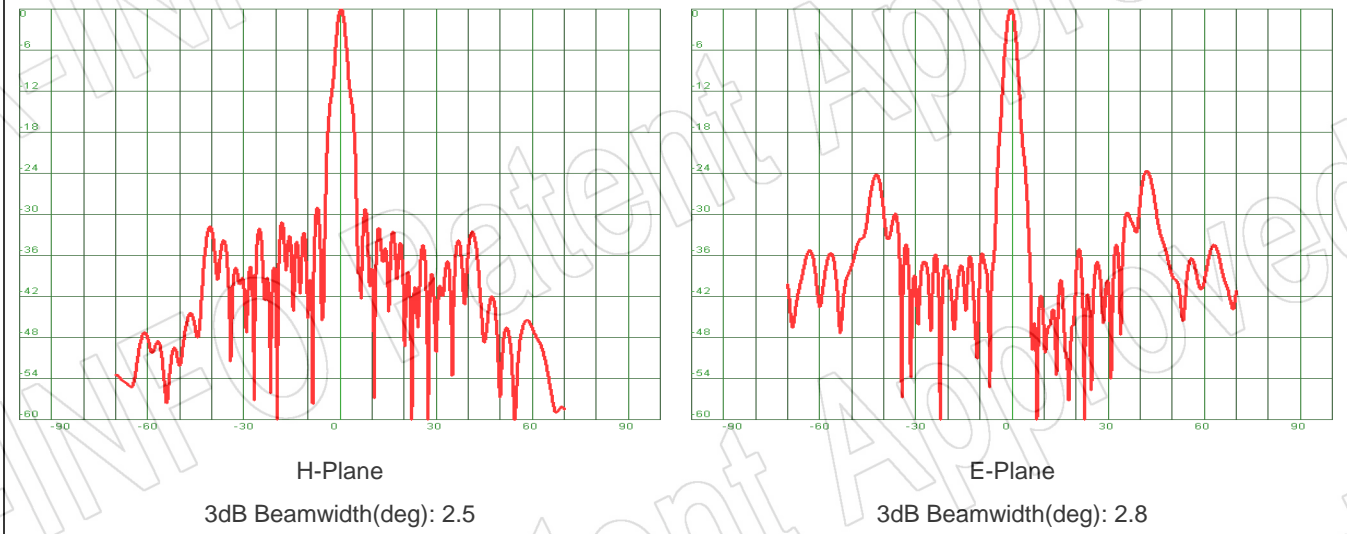
Frequency: 72.0GHz



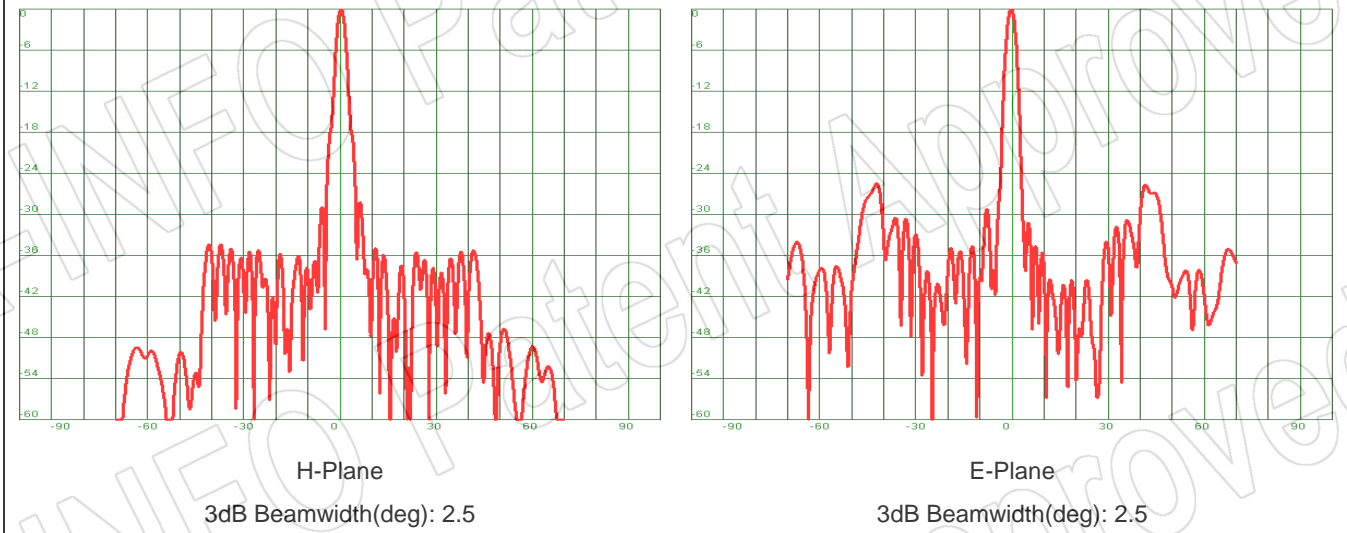
Frequency: 72.5GHz



Frequency: 73.0GHz



Frequency: 73.5GHz



Frequency: 74.0GHz

