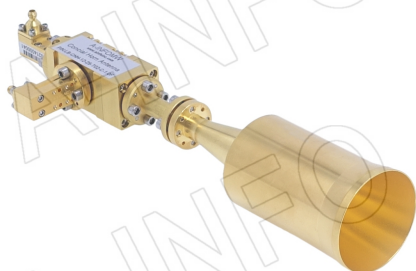


For reference only. See data sheet for the detailed specifications.

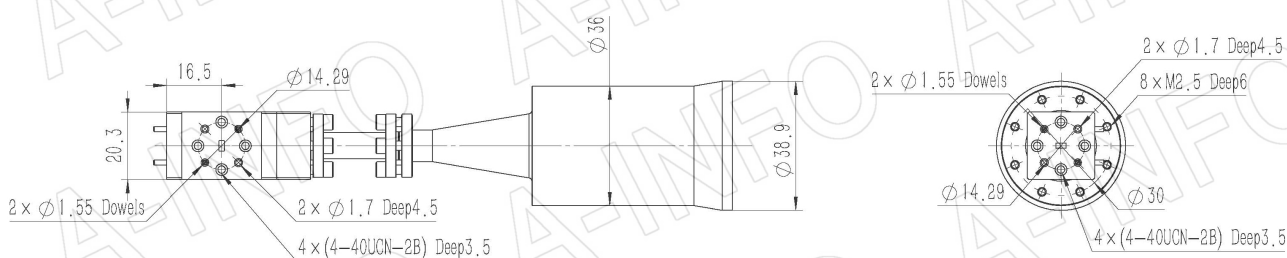
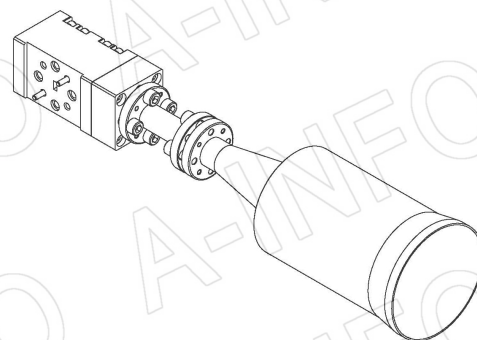
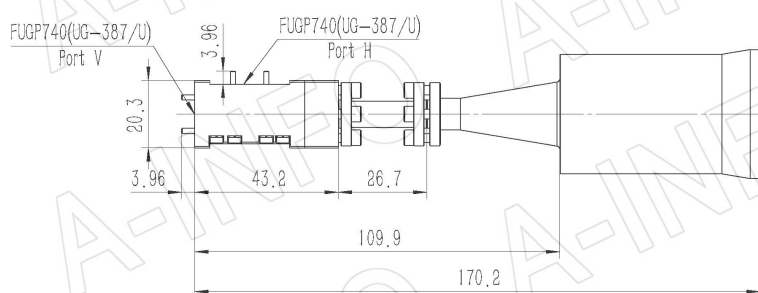
Technical Specification



Frequency Range(GHz)	60.0 – 90.0
Waveguide	WR12
Gain(dBi)	25 Typ.
Polarization	Dual Linear
3dB Beamwidth(deg)	E Plane: 7 Typ.
	H Plane: 8 Typ.
Cross Pol. Isolation(dB)	35 Typ.
Port to Port Isolation(dB)	50 Typ. ; 40 Min.
VSWR	A Type: 1.80:1 Max.
	C Type: 2.40:1 Max.
Output	A Type: FUGP740(UG-387/U)
	C Type: 1.0mm-Female
Material	Cu
Finish	Gold Plated
Size(mm)	A Type: 38.9 x 38.9 x 170.2
	C Type: 53.8 x 38.9 x 195.6
Net Weight(Kg)	A Type: 0.40 Around
	C Type: 0.45 Around

Outline Drawing (Size: mm)

FUGP740 Output (P/N: LB-CNH-12-25-T02-A)



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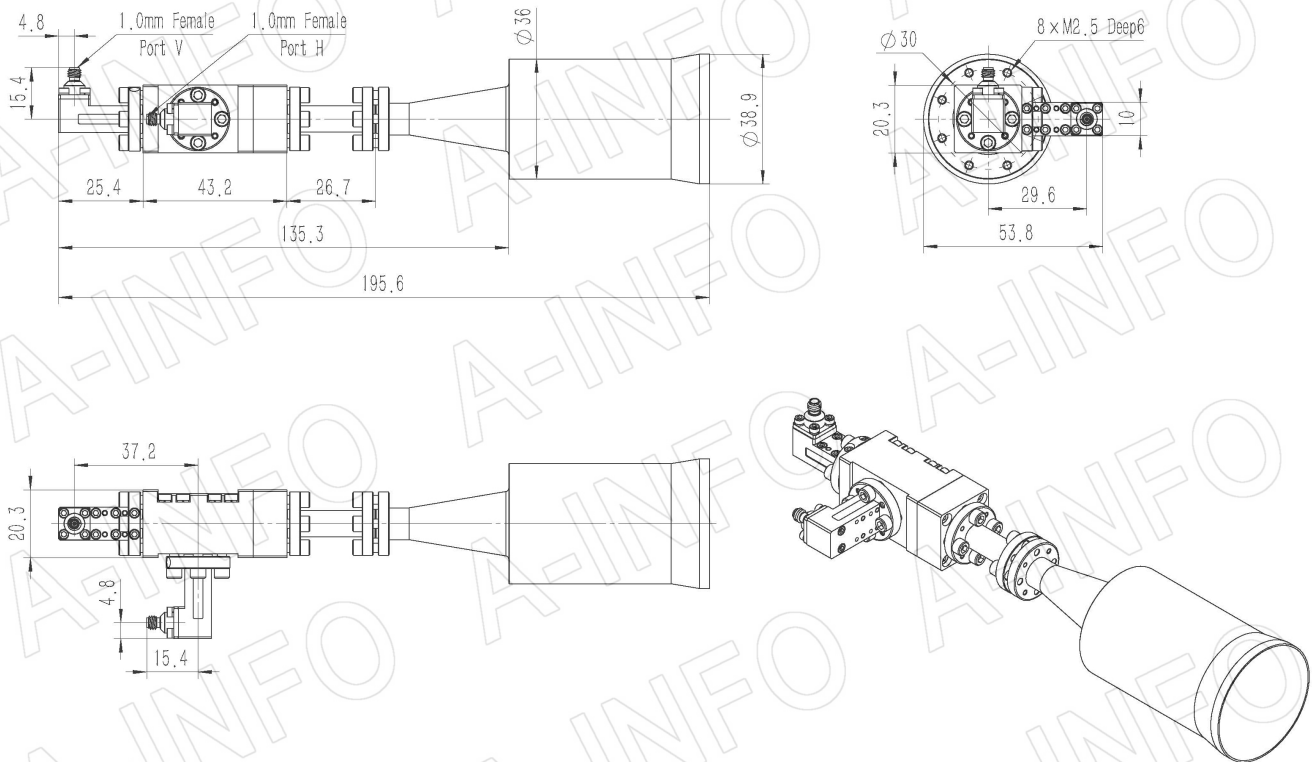
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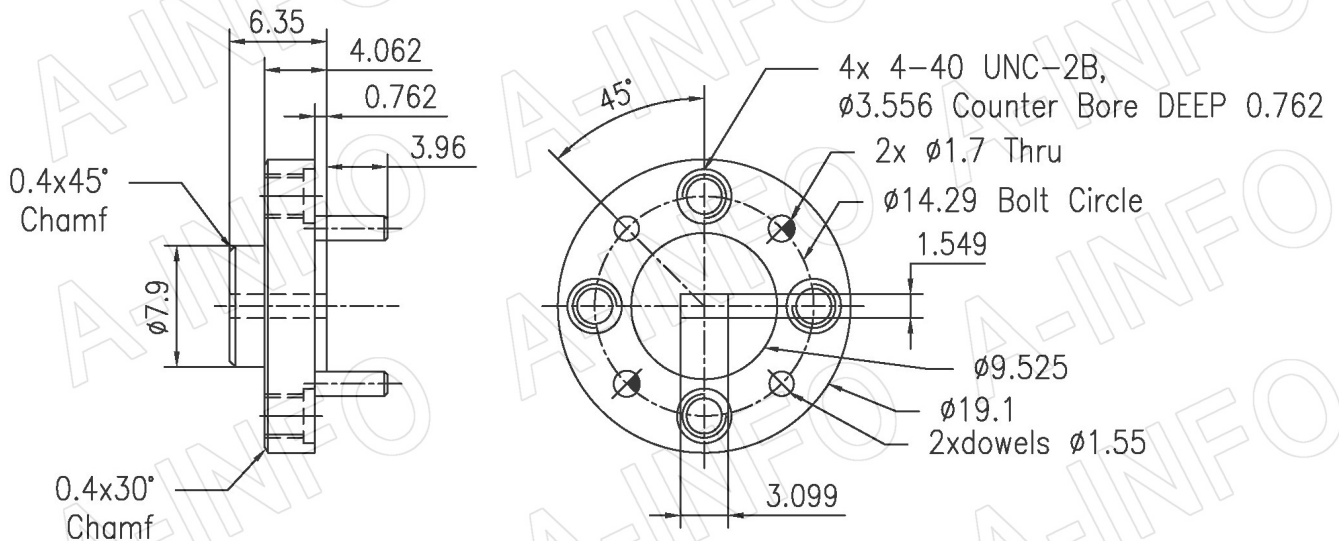
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1.0mm-Female Output (P/N: LB-CNH-12-25-T02-C-1.0F)



Flange Drawing (Size: mm)



FUGP740
(equivalent to UG-387/U)

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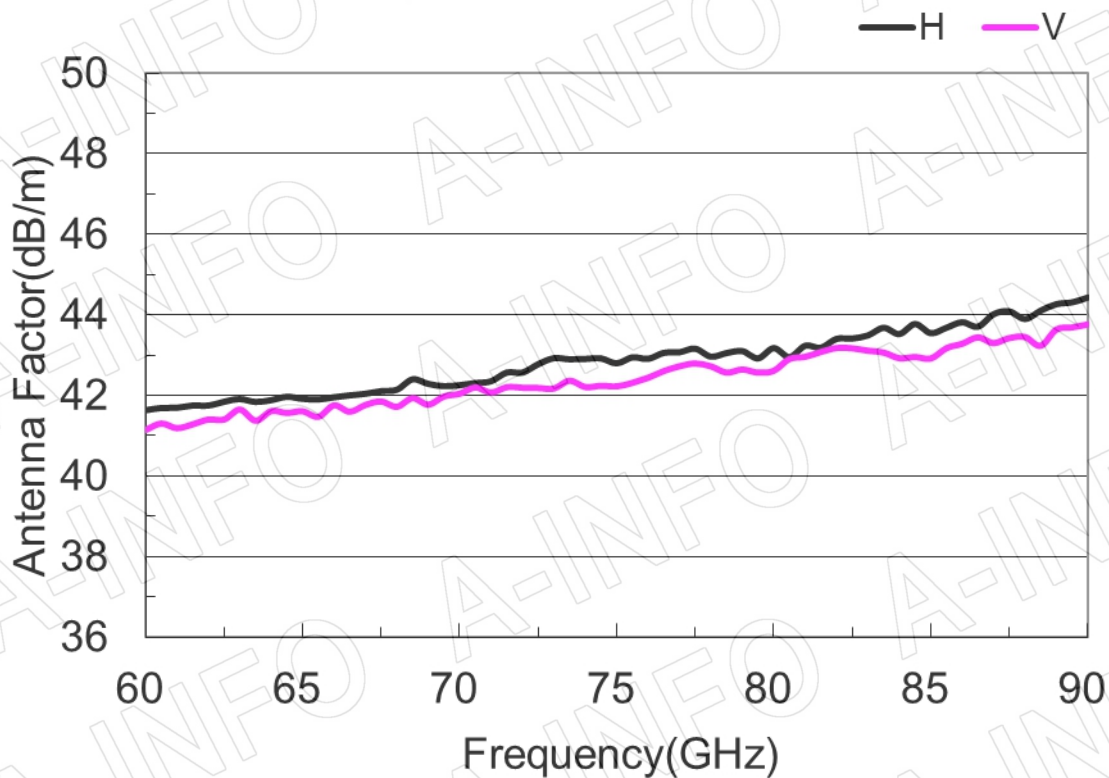
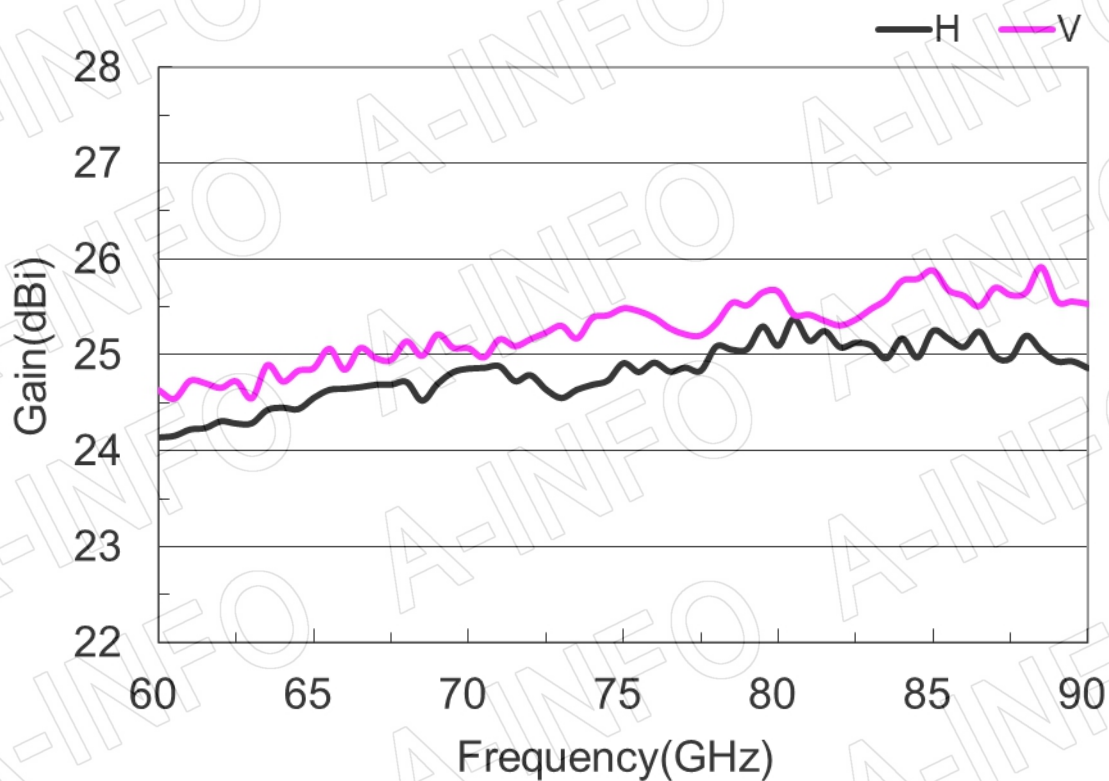
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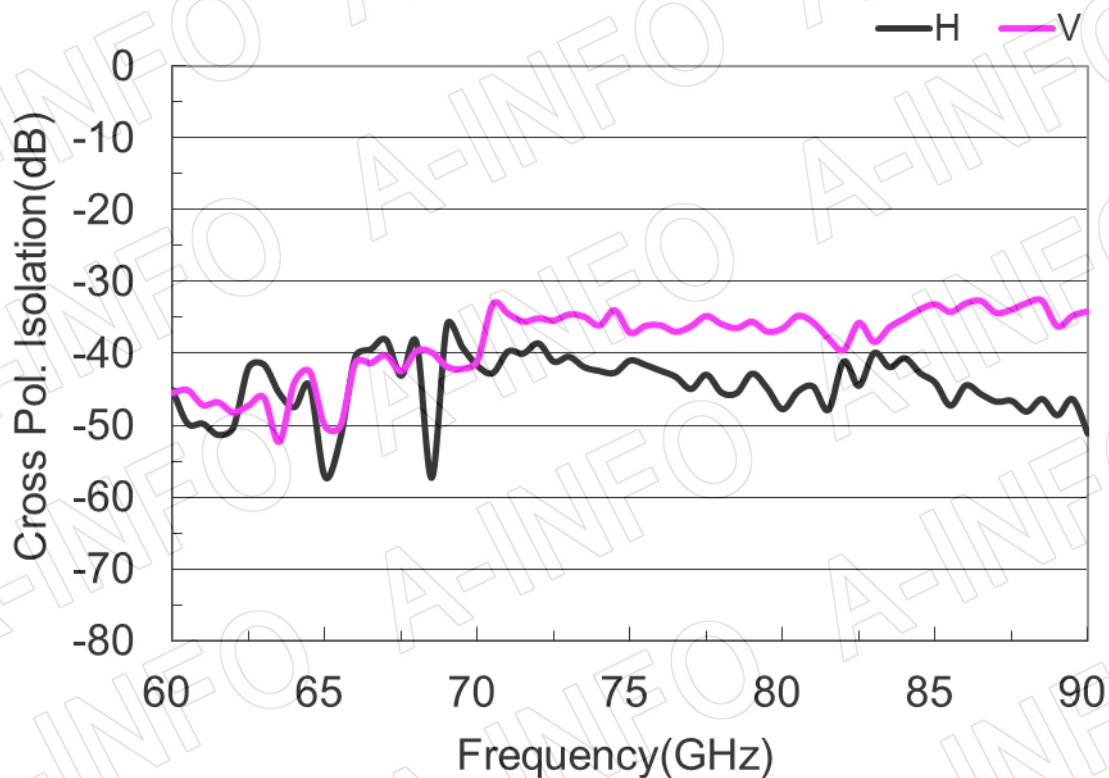
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Test Results

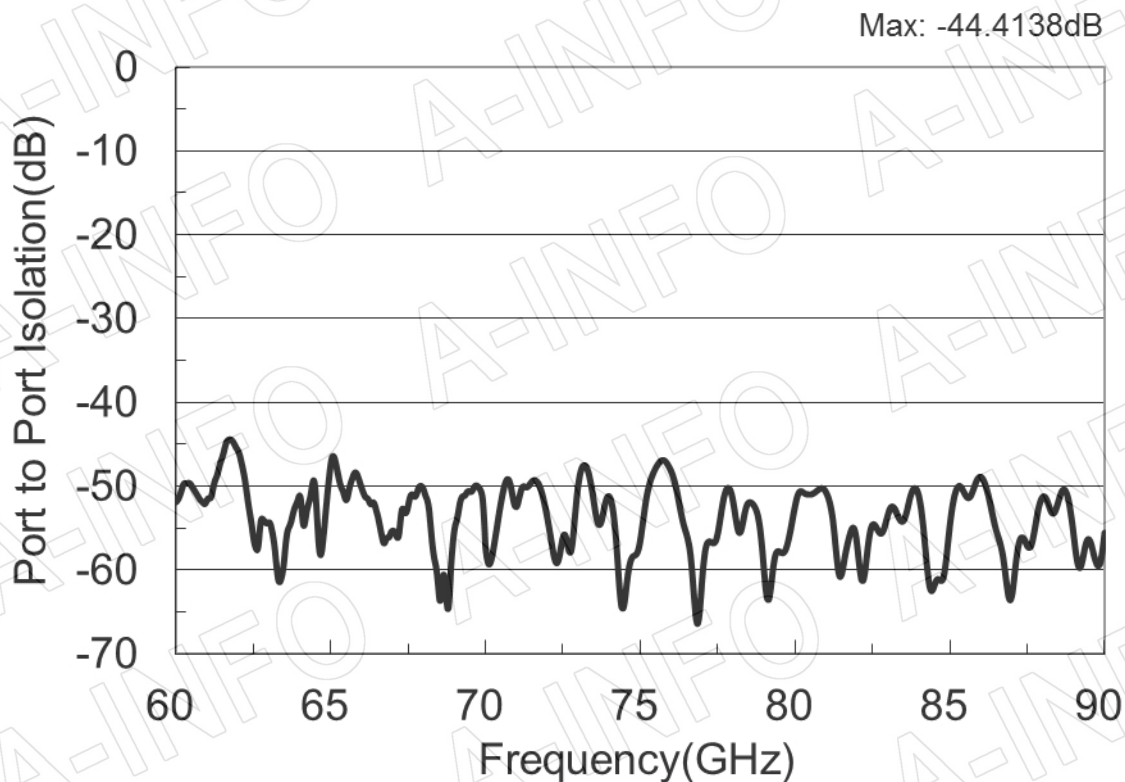
1. Gain & Antenna Factor



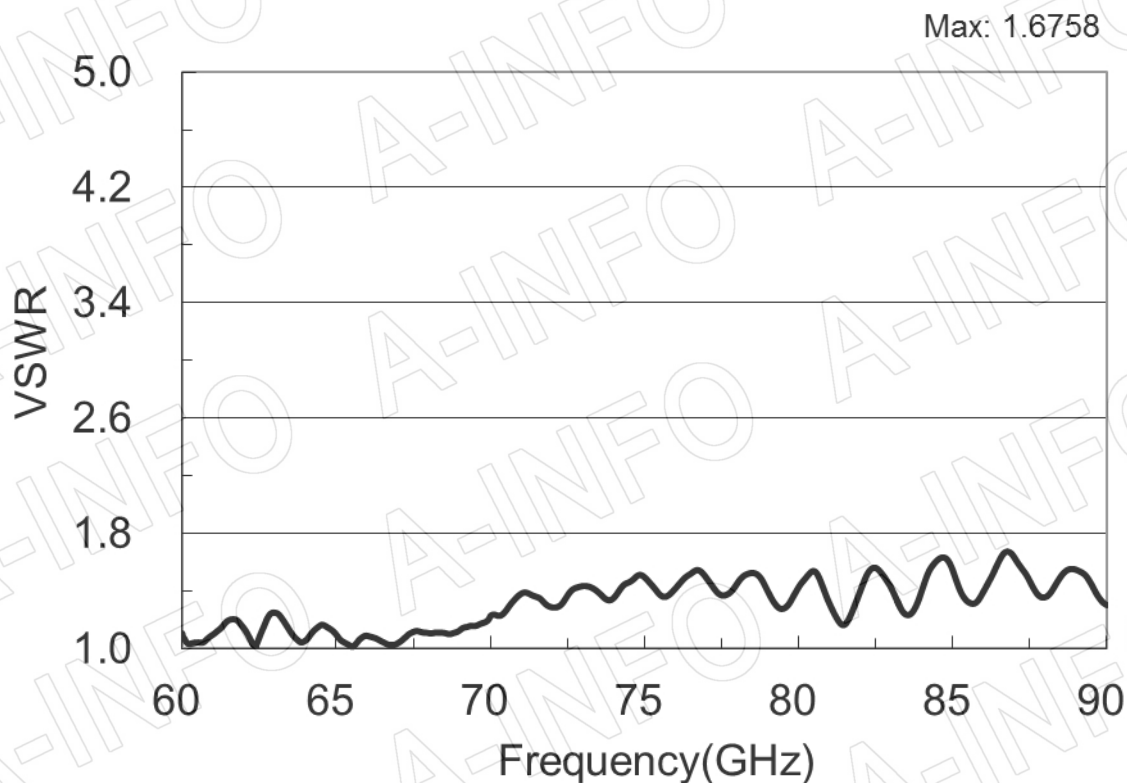
2. Cross Polarization Isolation



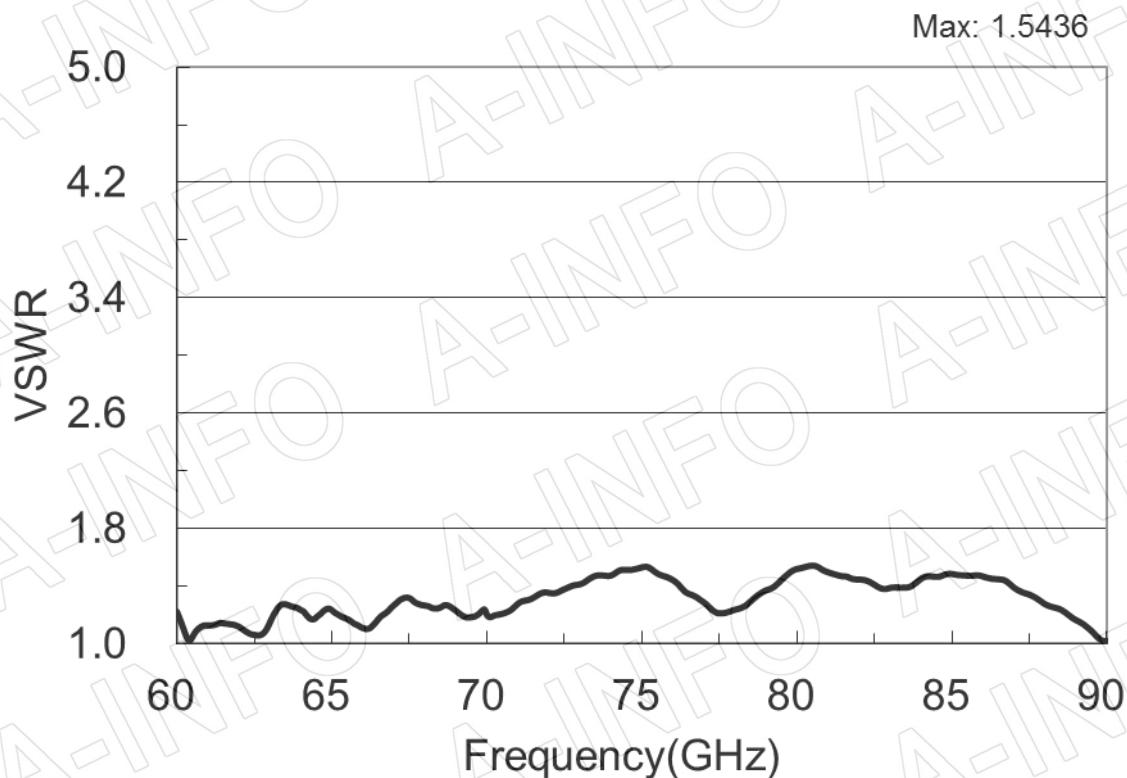
3. Port to Port Isolation



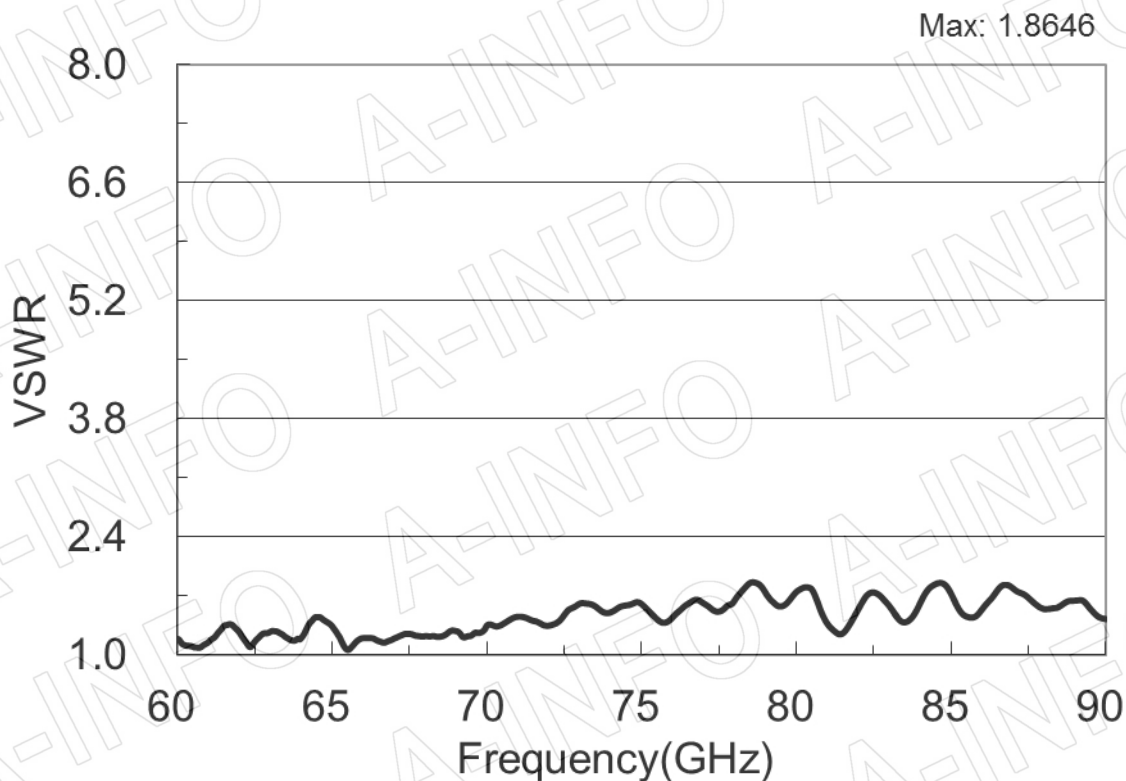
4. VSWR_A Type Port-H



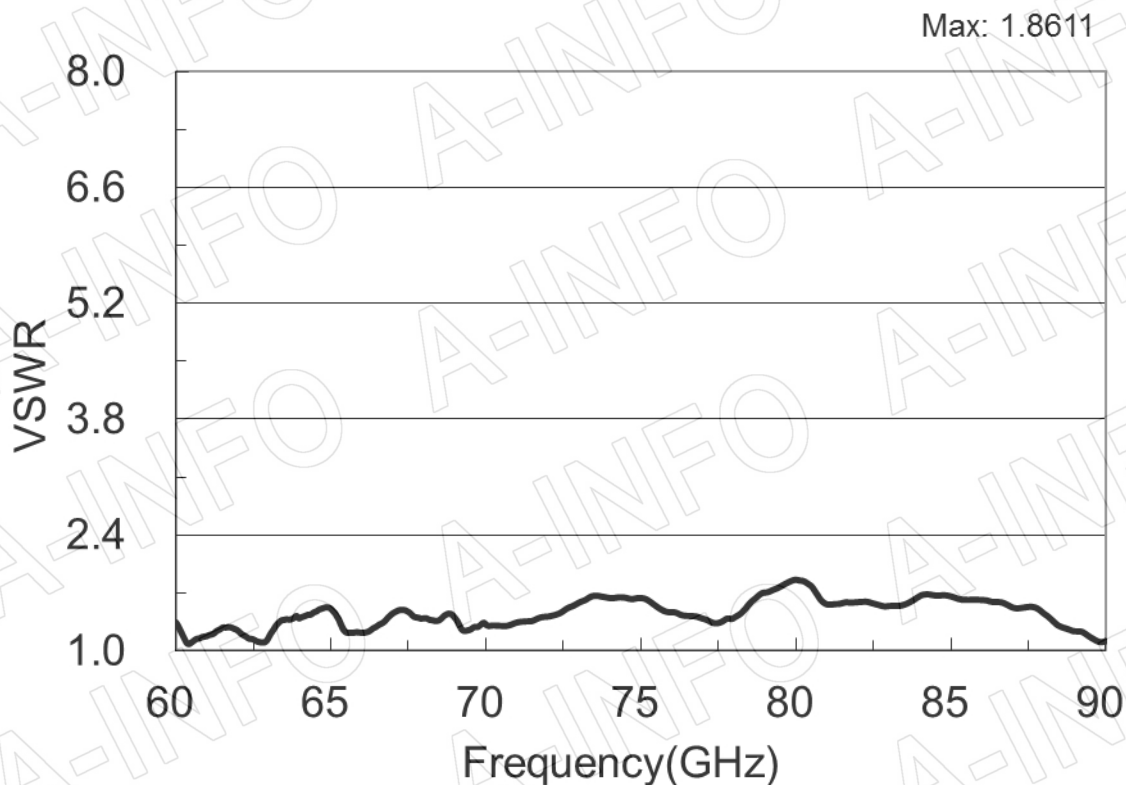
Port-V



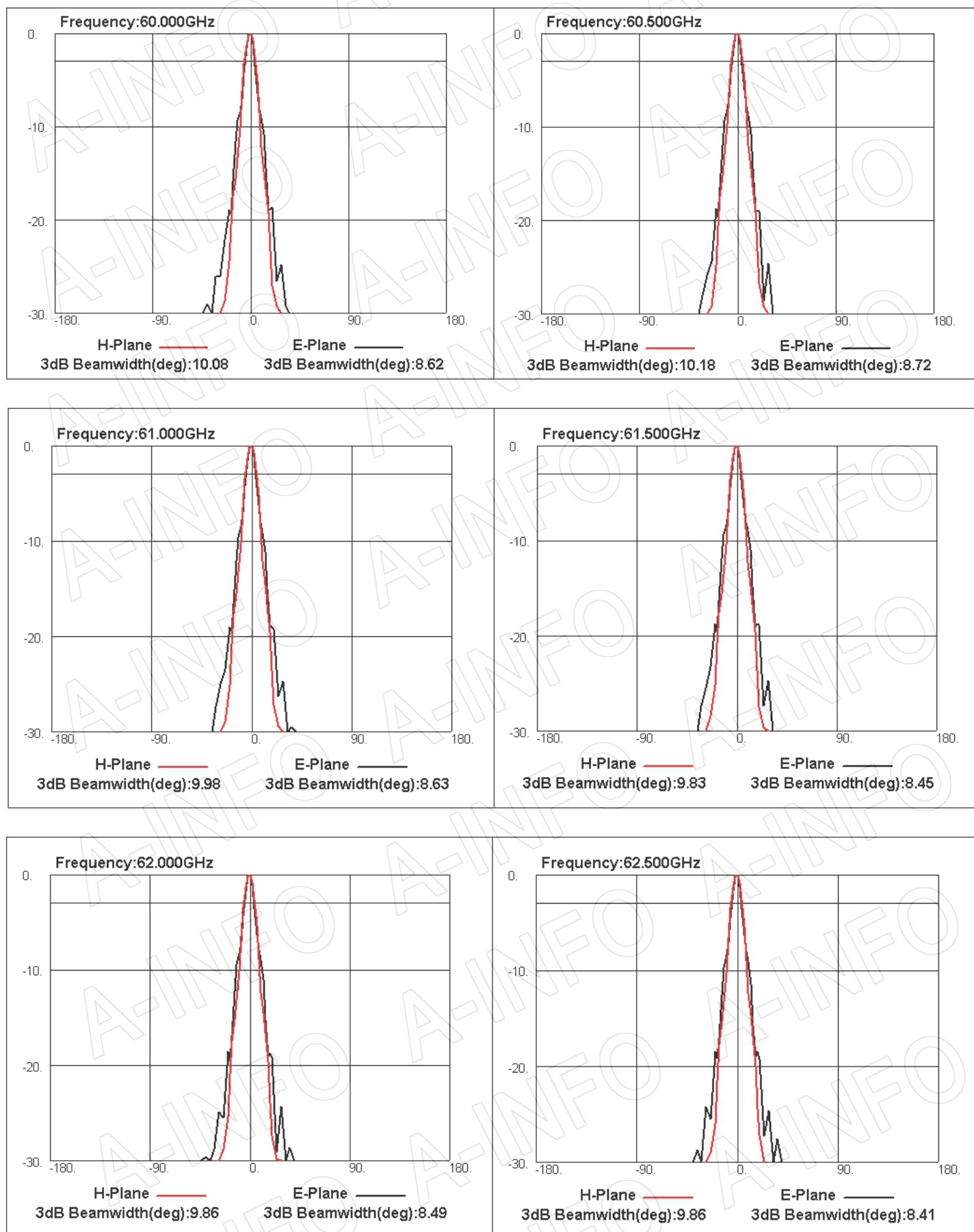
VSWR_C Type
Port-H



Port-V



5. Pattern



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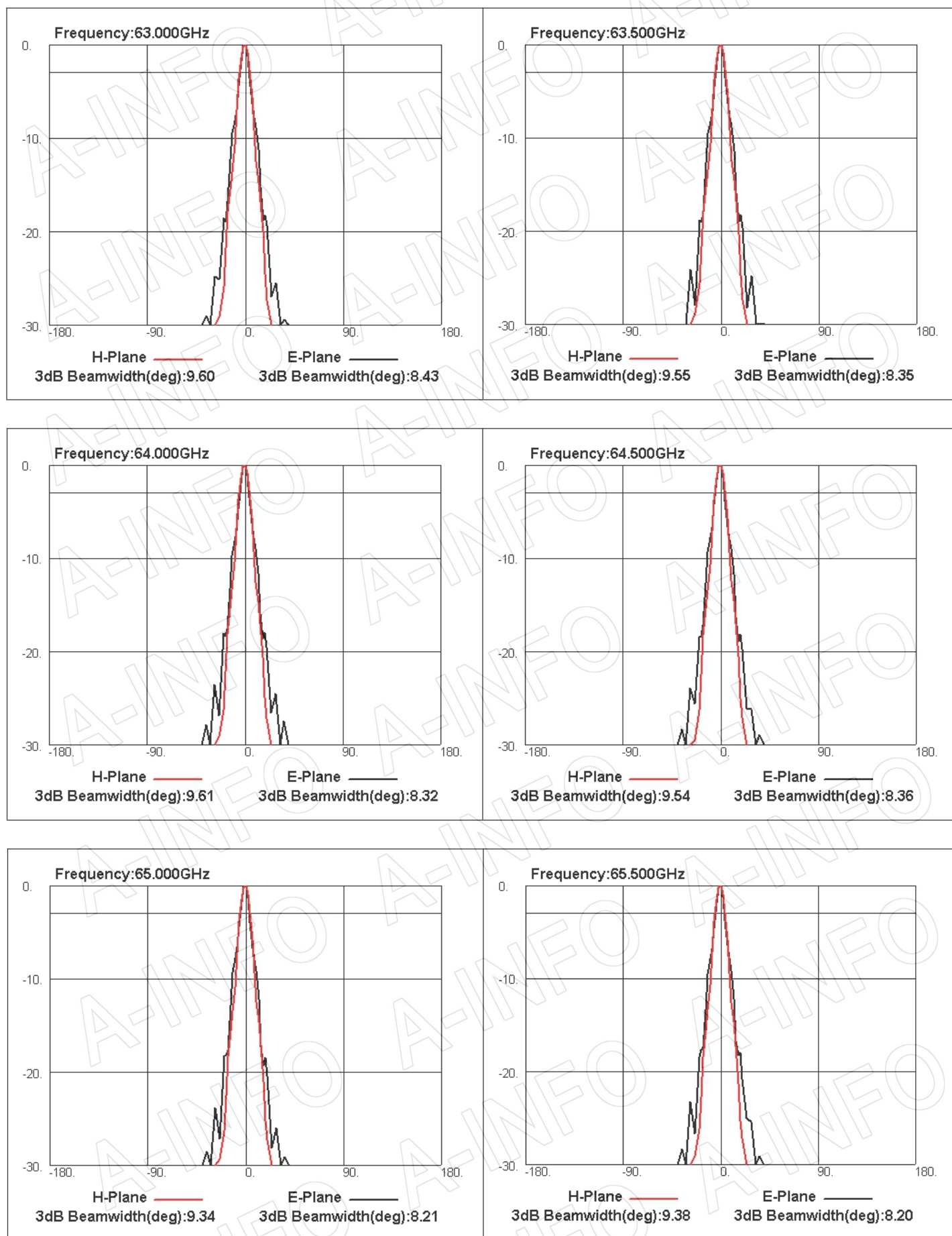
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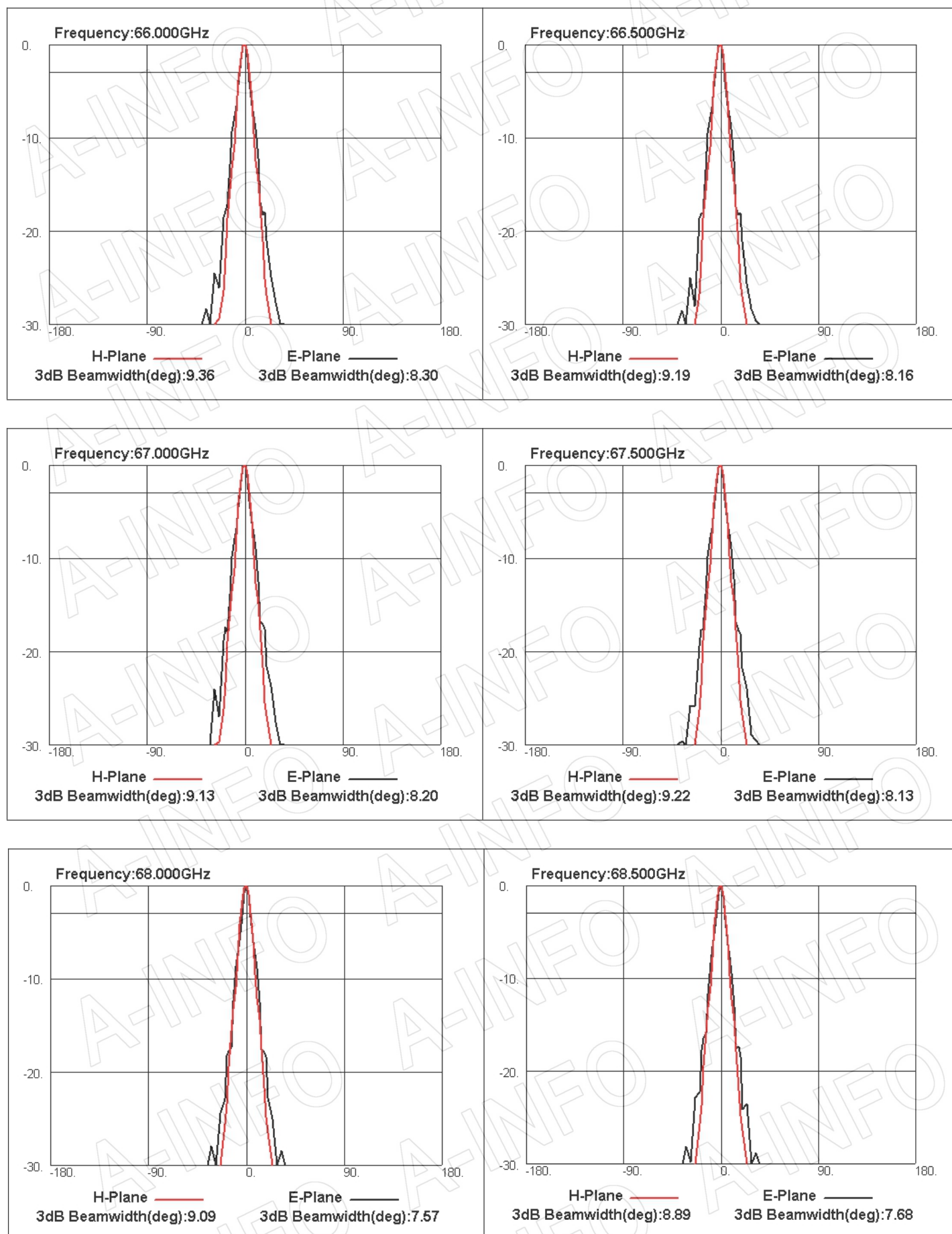
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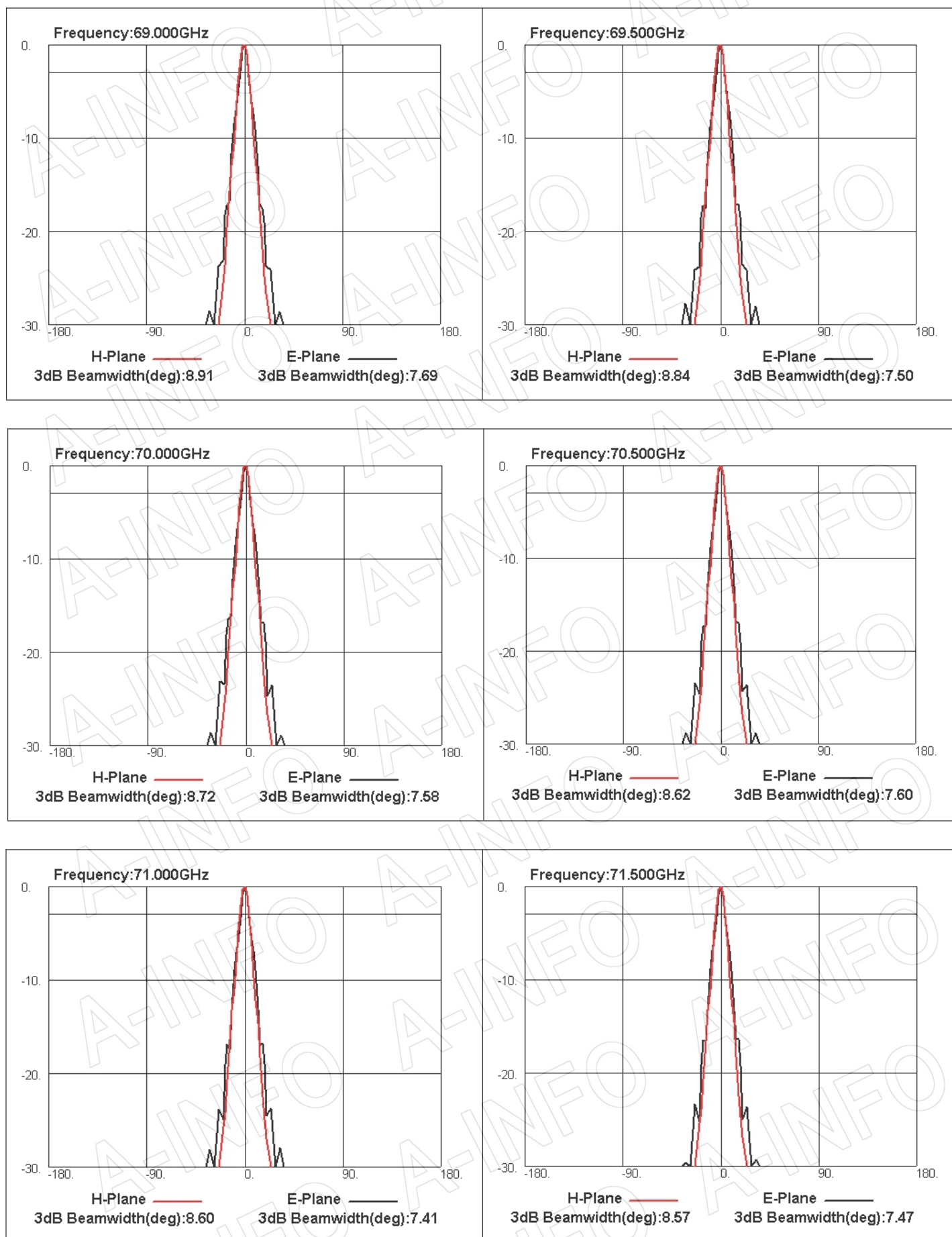
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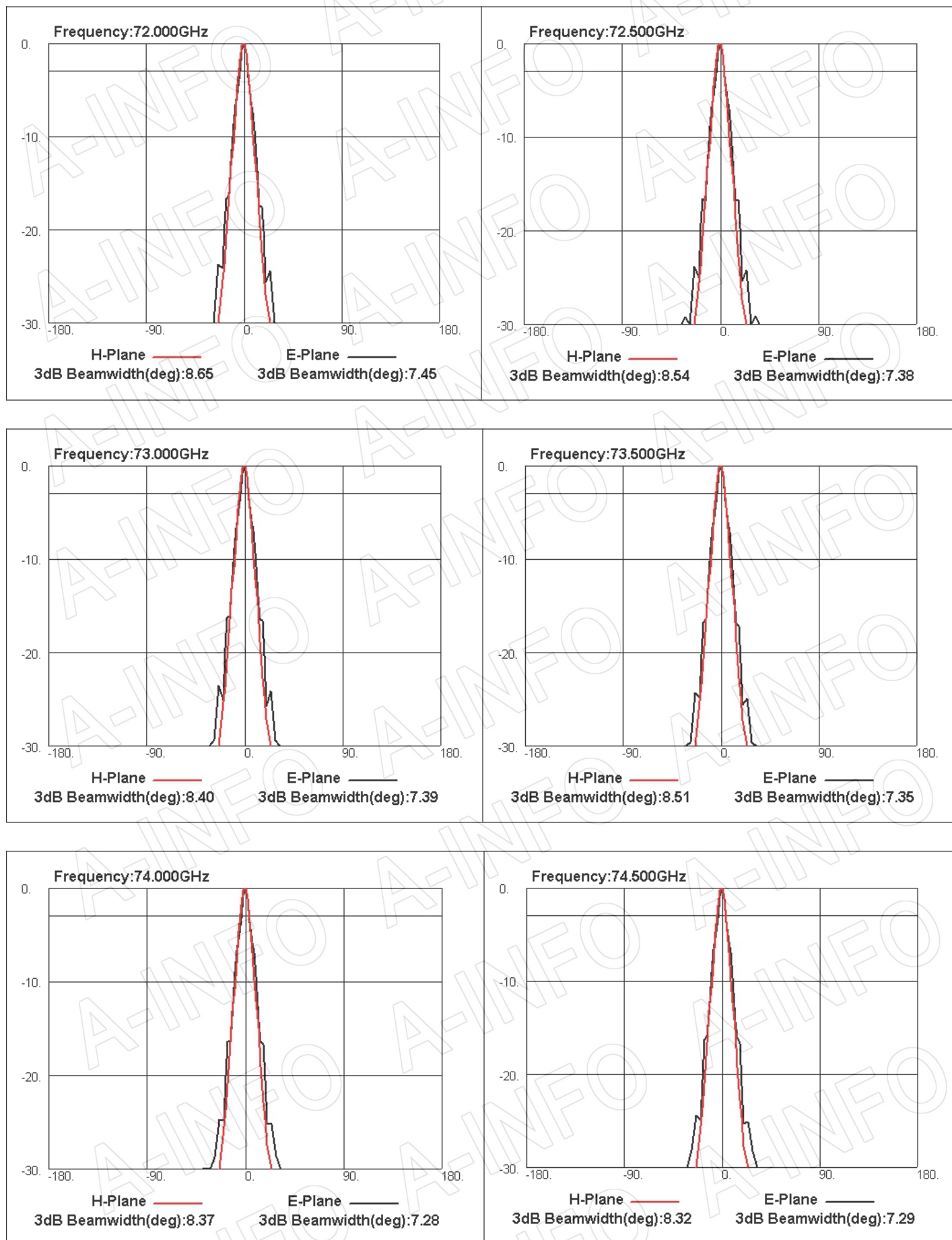
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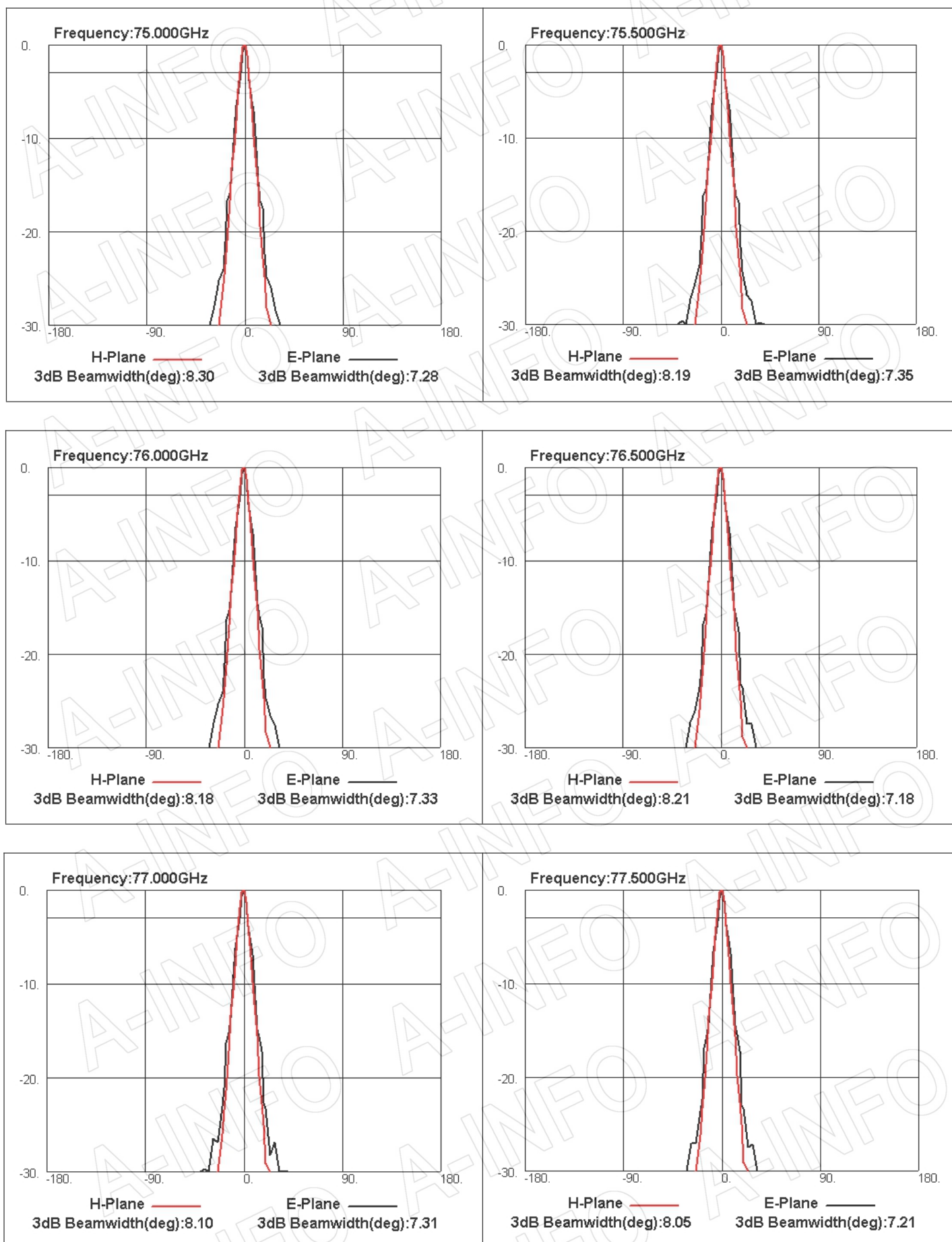
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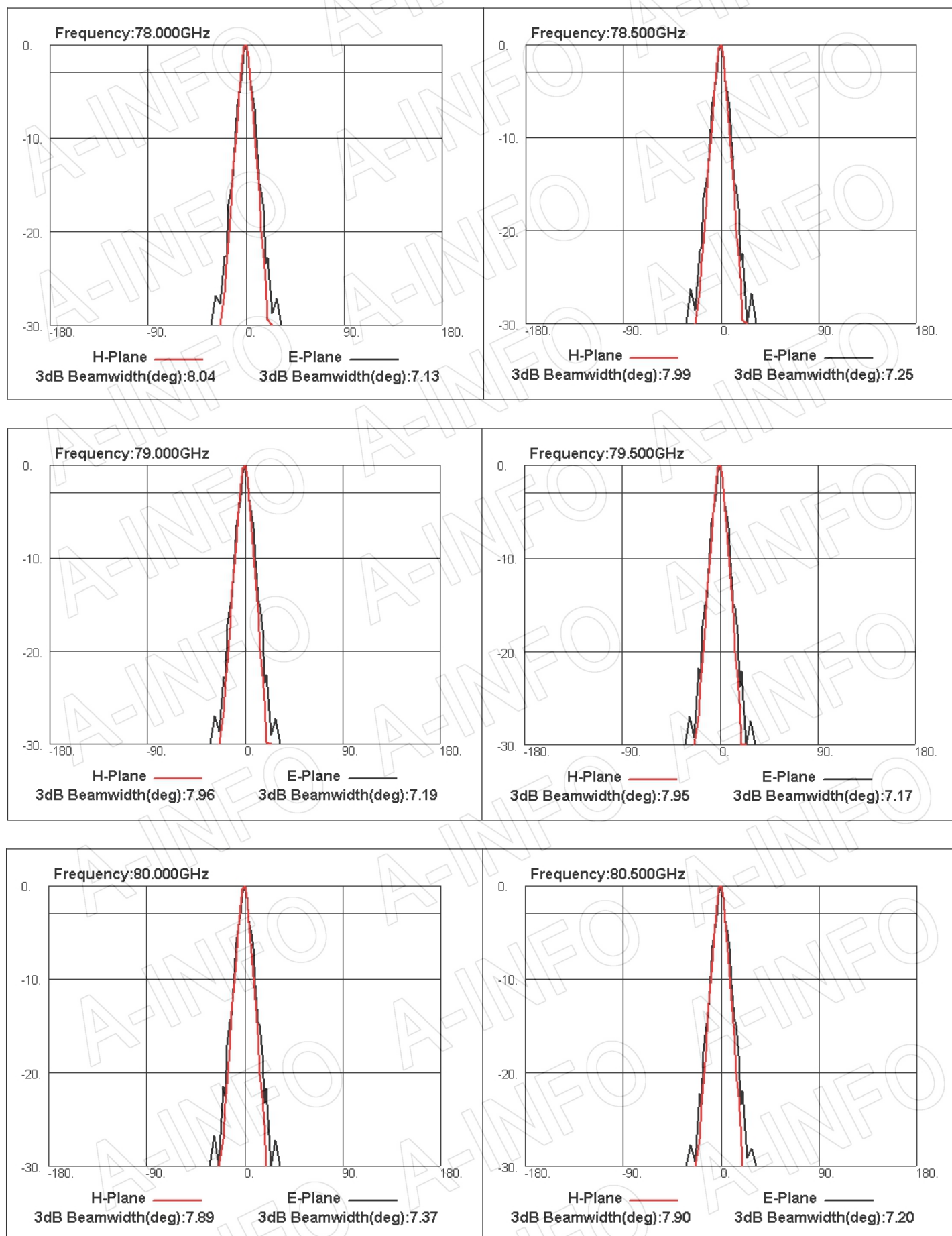
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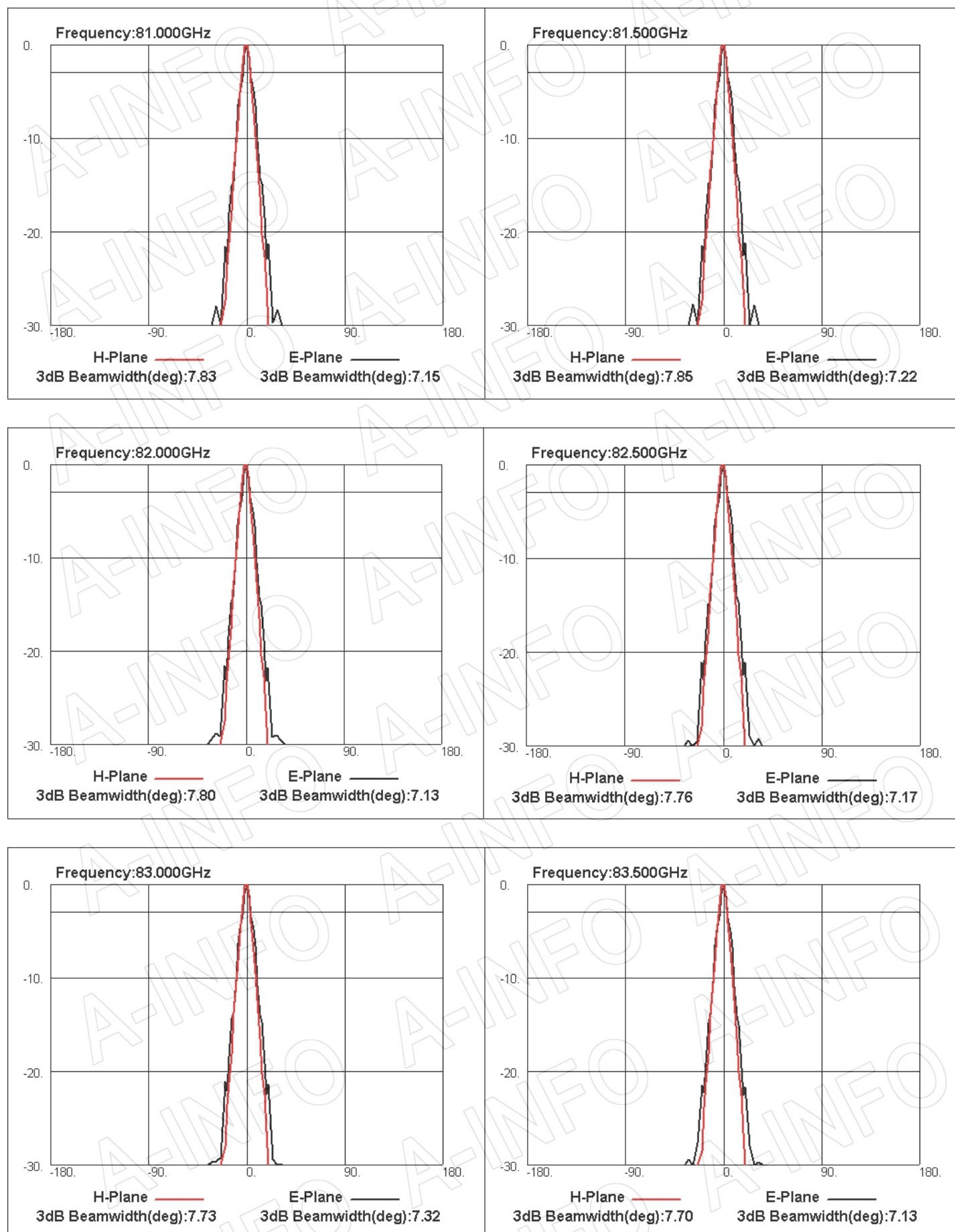
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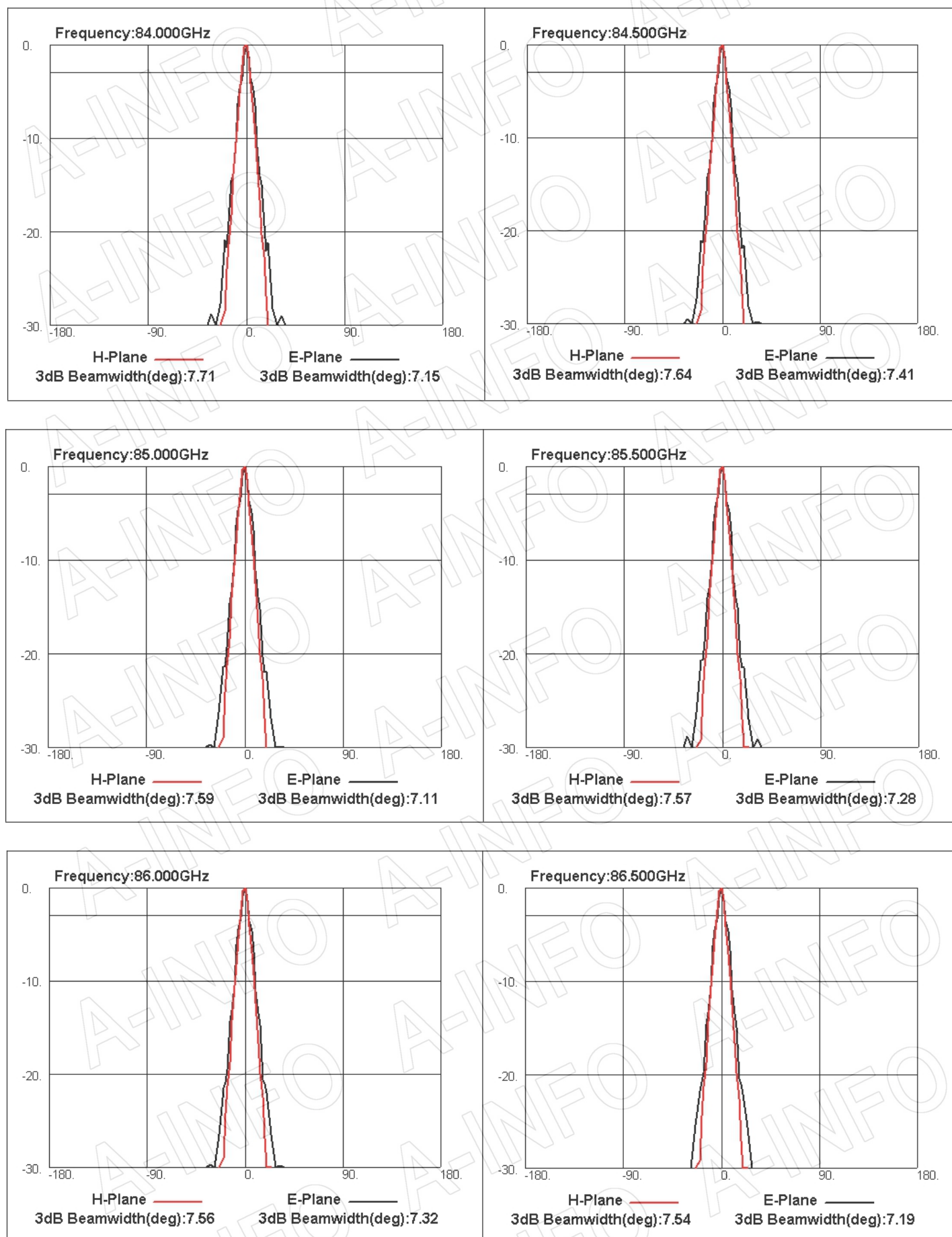
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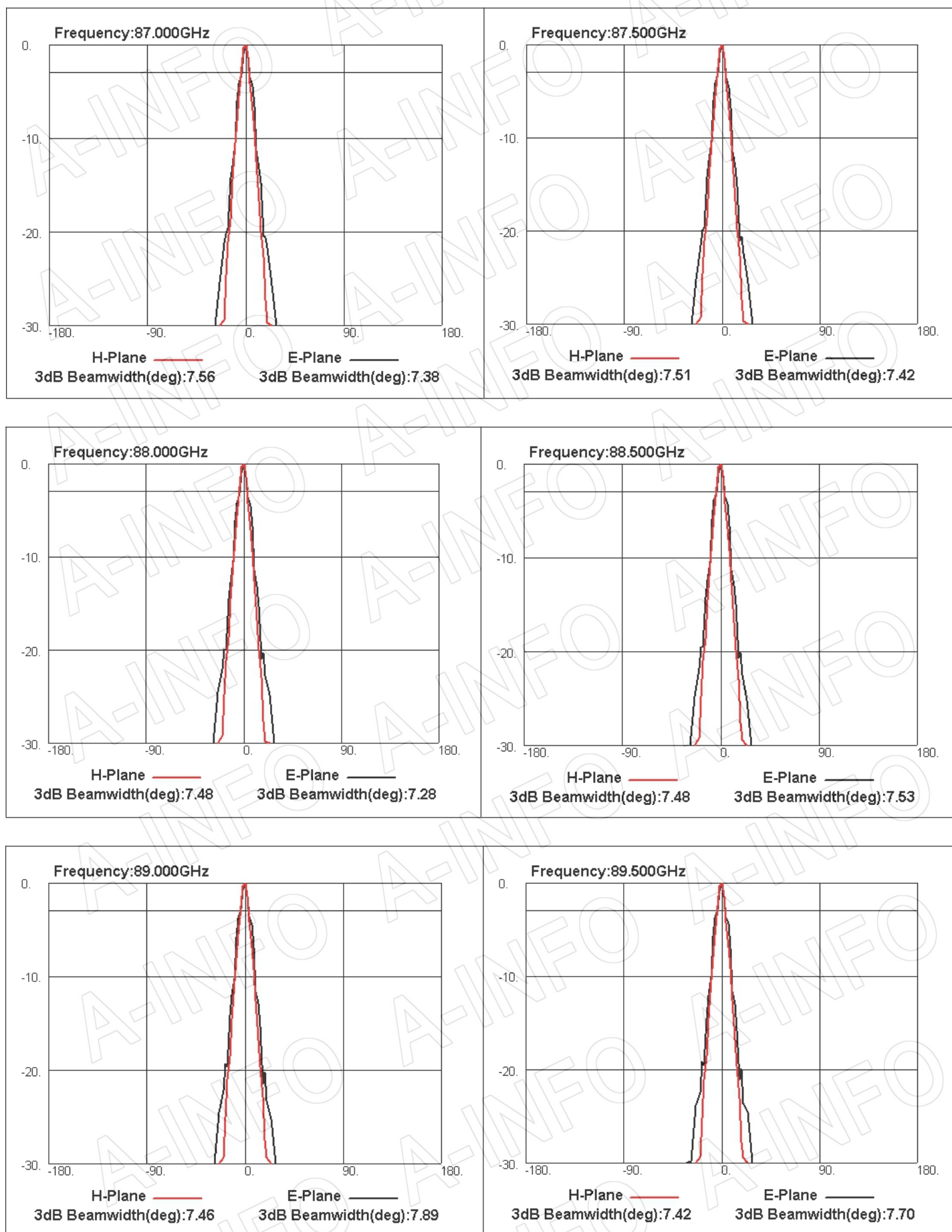
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