



Broadband Dual Polarized Horn Antenna
15dBi Typ. Gain, 18-40GHz Frequency Range

Broadband Dual Polarized Horn Antenna Data Sheet RM-BDPHA1840-15B

Features

- Ideal for Antenna Measurements
- Dual Polarization
- Broadband Operation
- Small Size

Description

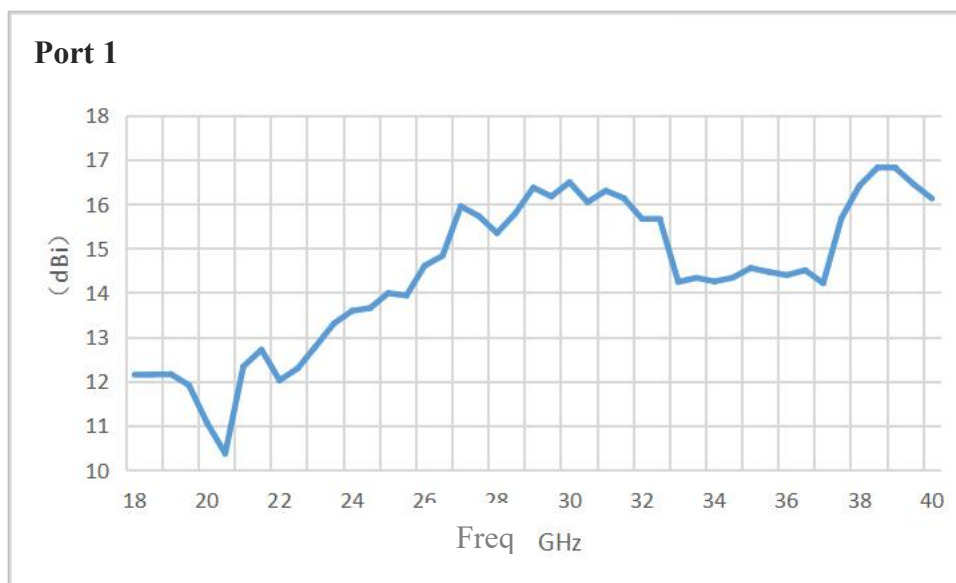
The **RM-BDPHA1840-15B** is a dual polarized broadband horn antenna that operates in the frequency range of 18GHz to 40GHz. The antenna offers a typical gain of 15dBi and VSWR 1.5:1 with 2.4mm connector. The antenna is a dual polarized antenna and is suitable for extensive applications such as EMC/EMI testing, surveillance, direction finding, as well as antenna gain and pattern measurements.

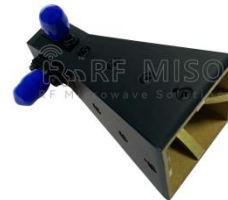
Specifications

RM-BDPHA1840-15B		
Item	Specification	Units
Frequency Range	18-40	GHz
Gain	15 Typ.	dBi
VSWR	1.5:1 Typ.	
Polarization	Dual	
3dB Beamwidth	E plane: 21-39	deg
	H plane: 15-39	
Cross Polarization Isolation	23 Typ.	dB
Port to Port Isolation	20-30	dB
Connector	2.4mm-KFD	
Size	63.5*35.2*35.2	mm
Material	Al	
Weight	0.052	Kg

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Gain



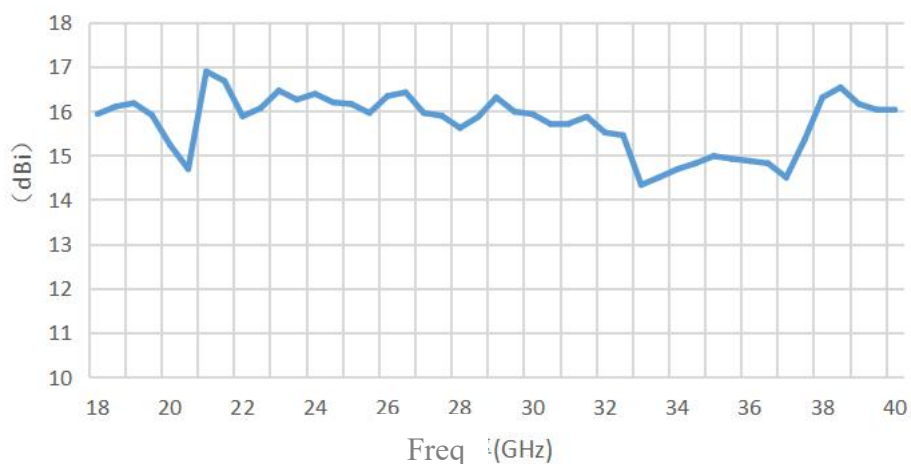


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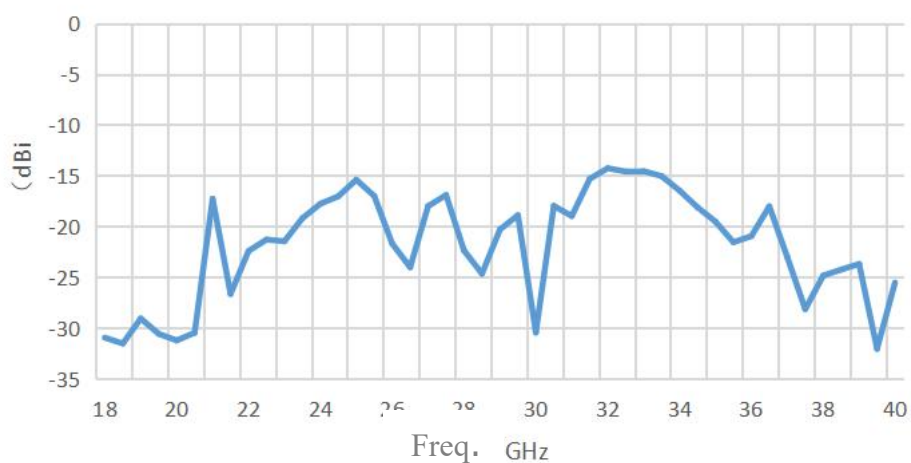
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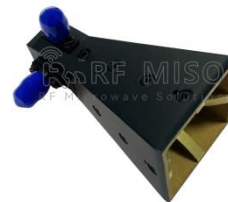
Port 2



Cross Polarization Isolation

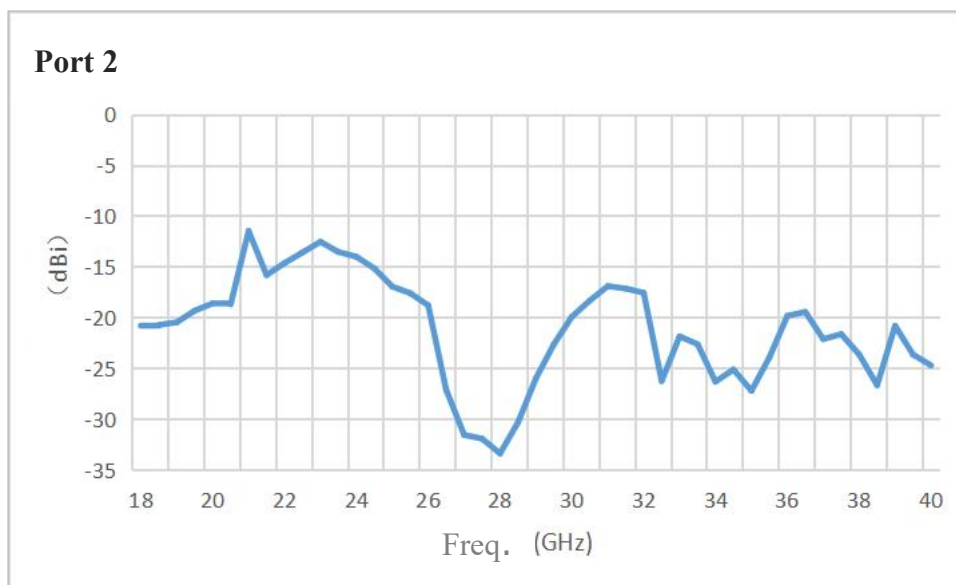
Port 1





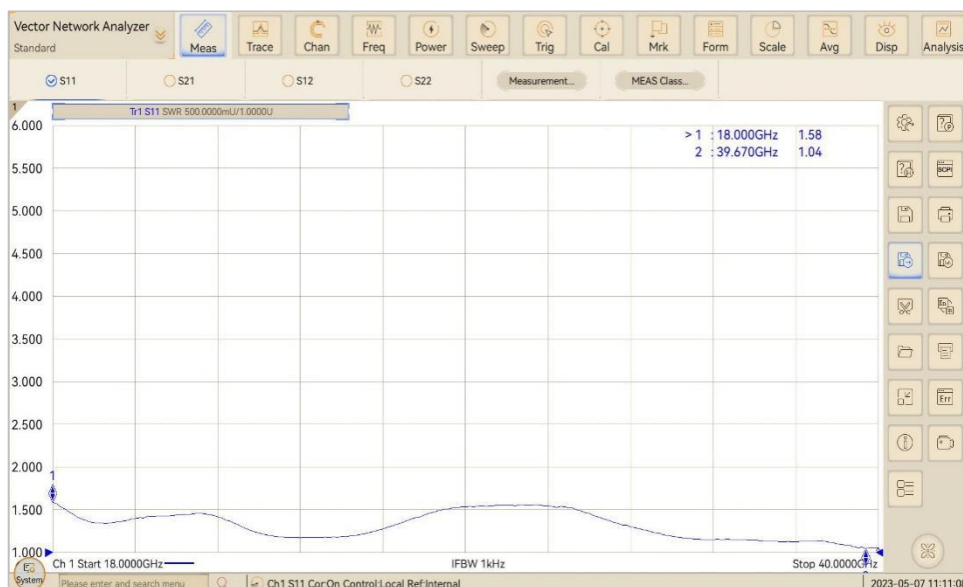
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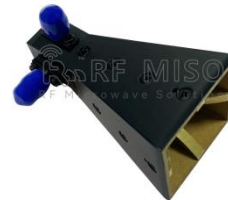
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VSWR

Port 1

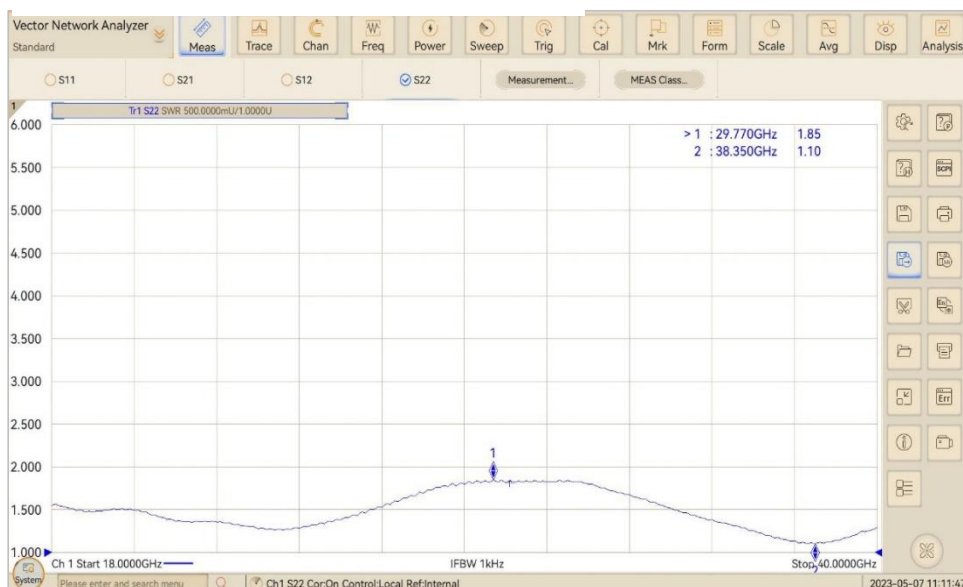




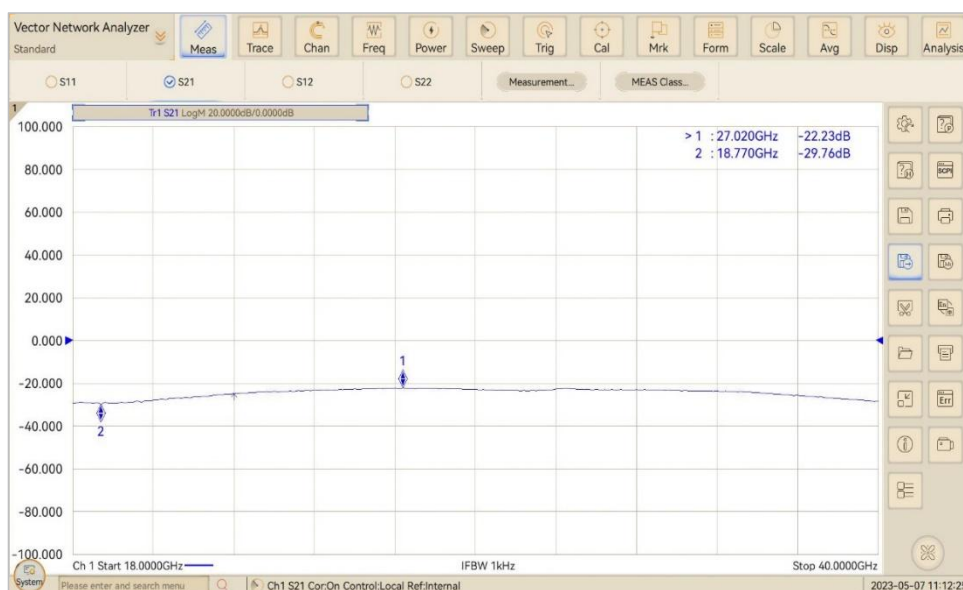
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Port 2



Port to Port Isolation





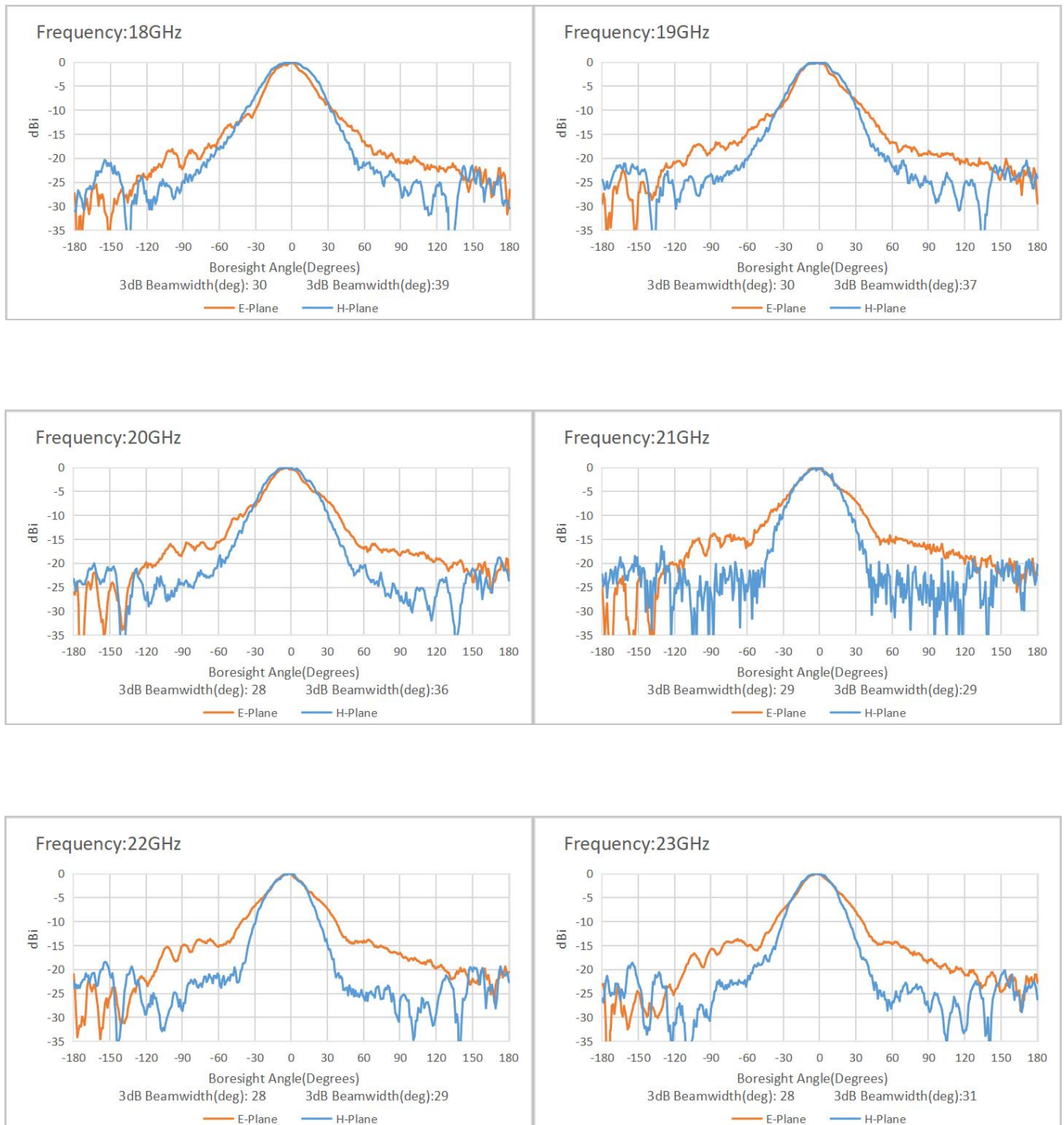
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Pattern

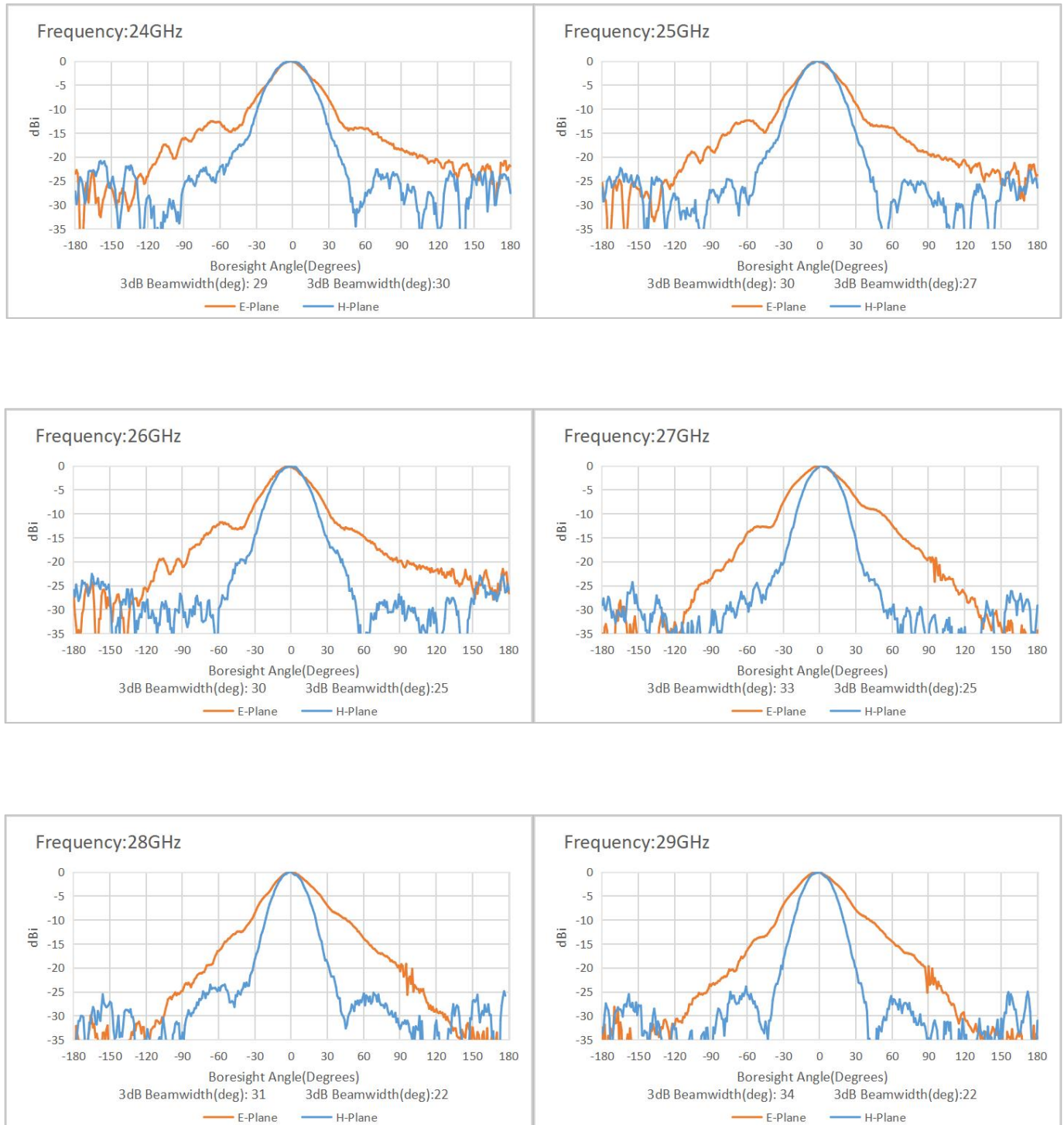
Port 1





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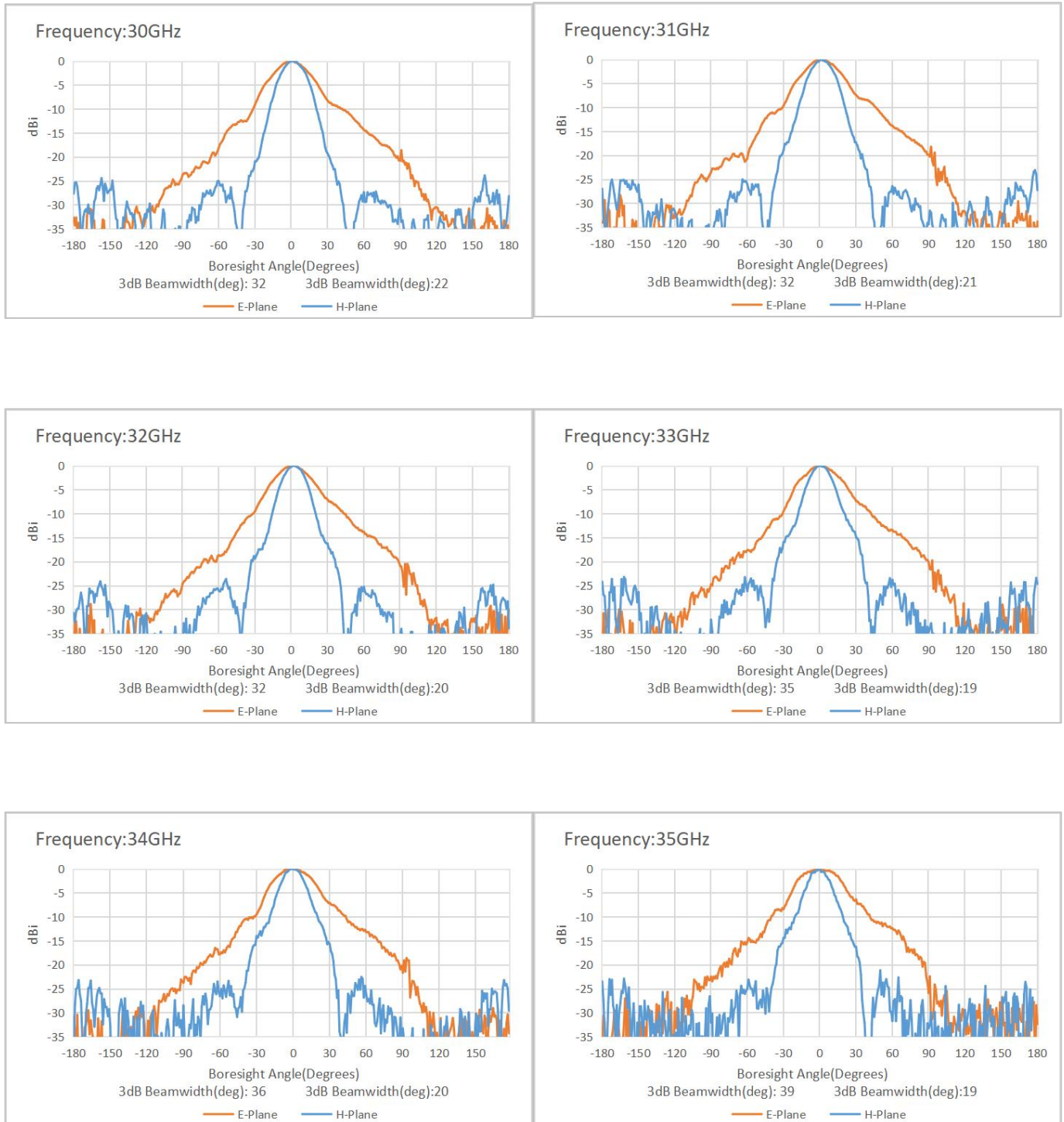




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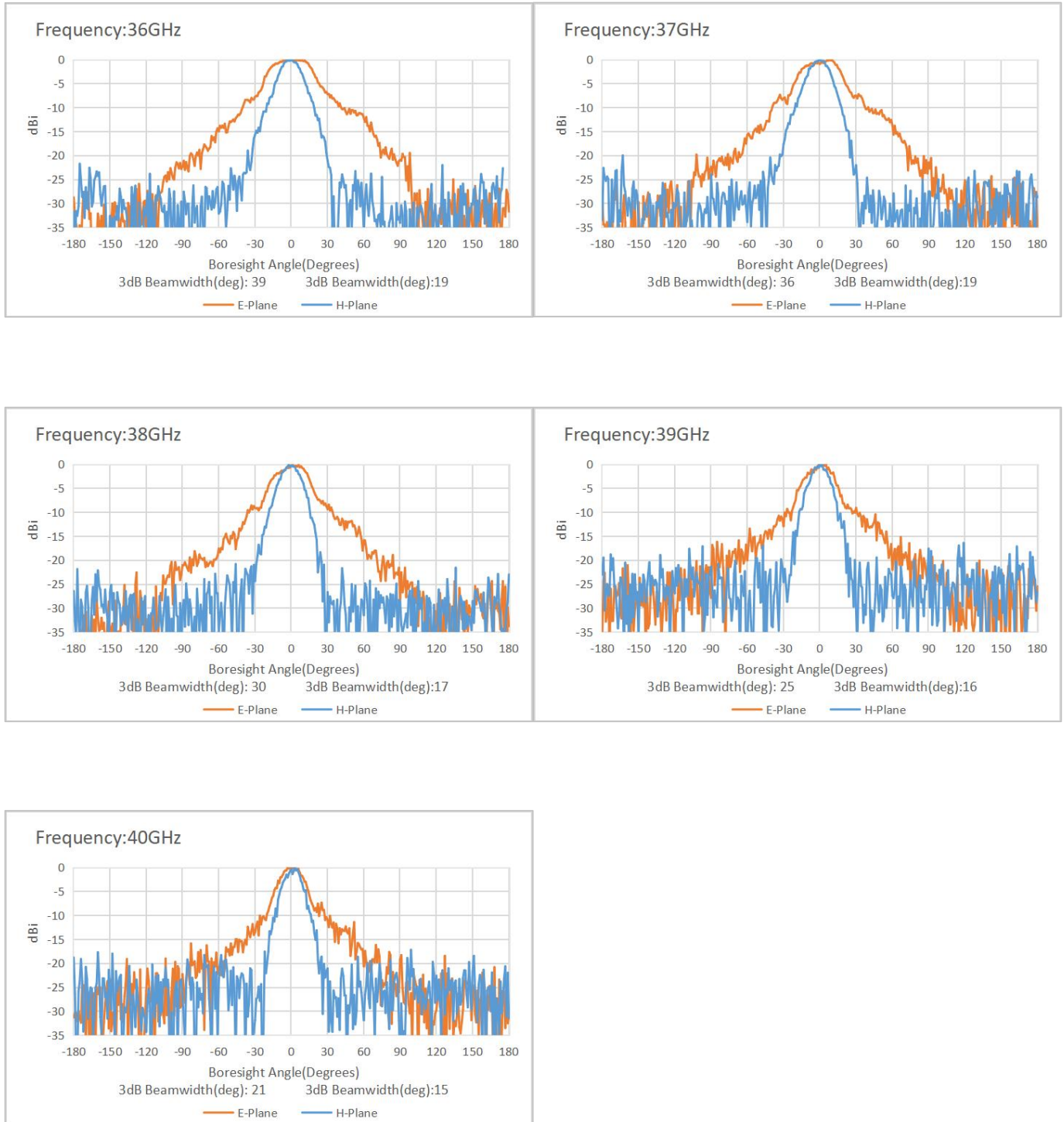




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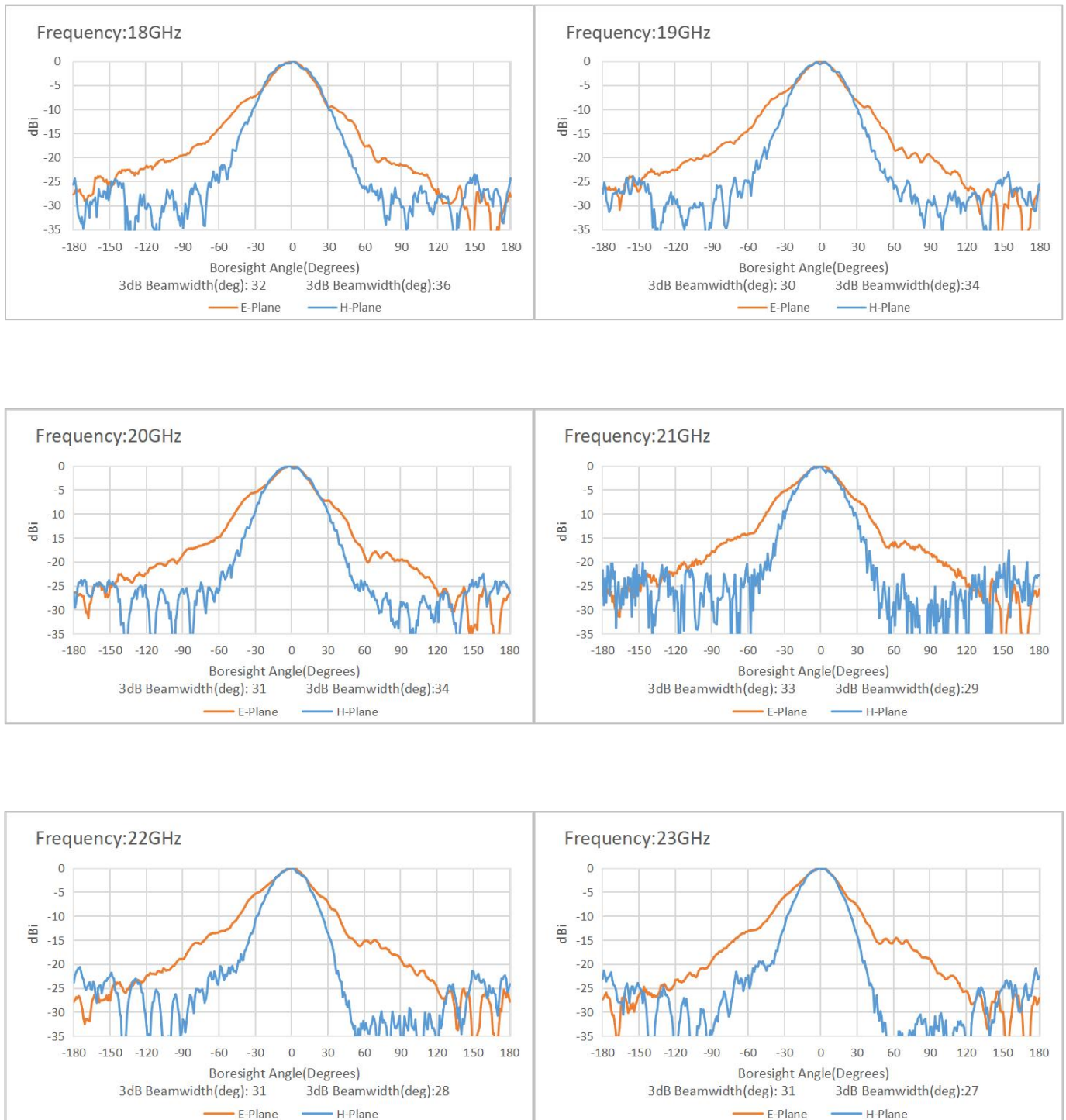


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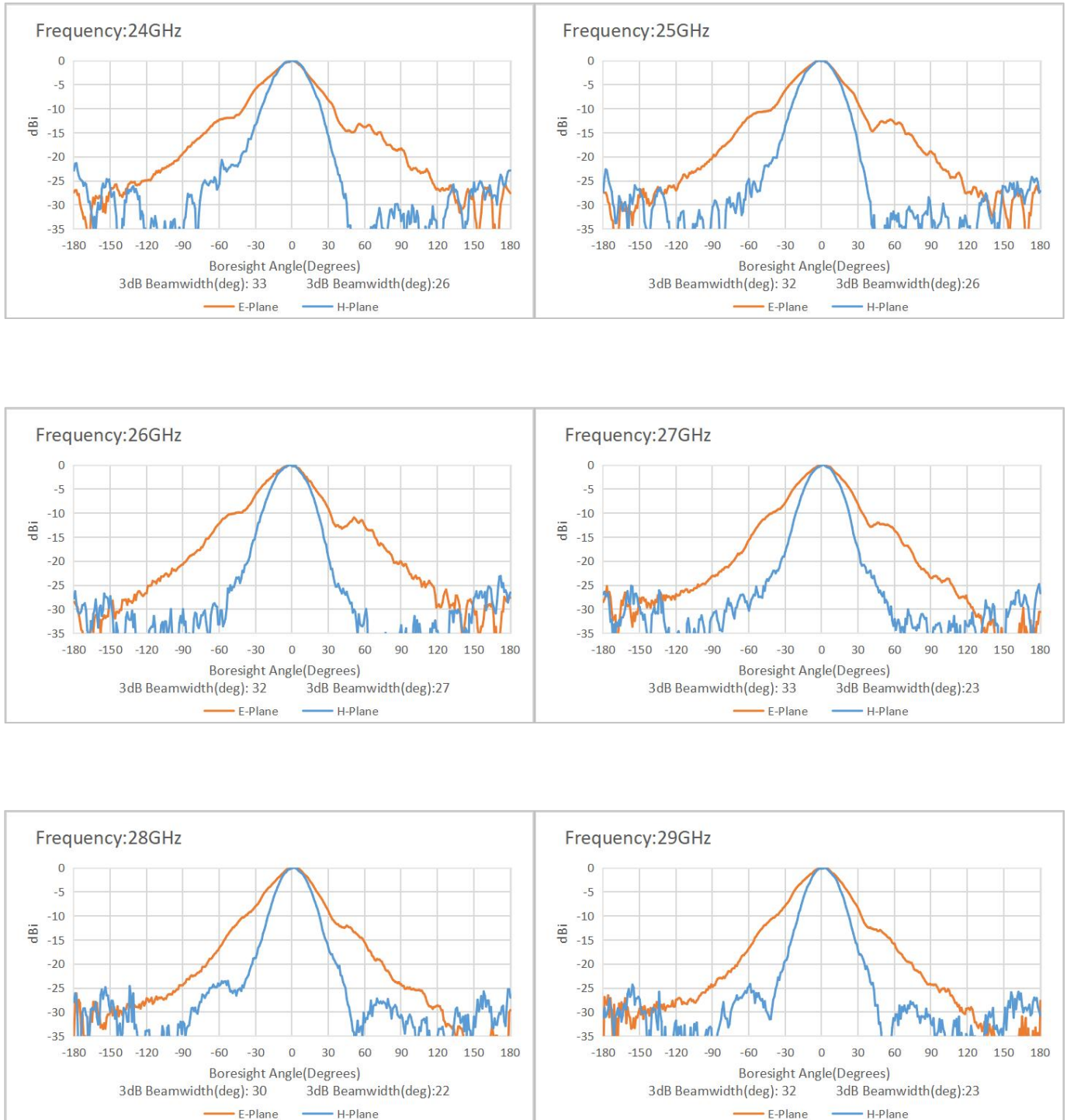
Port 2





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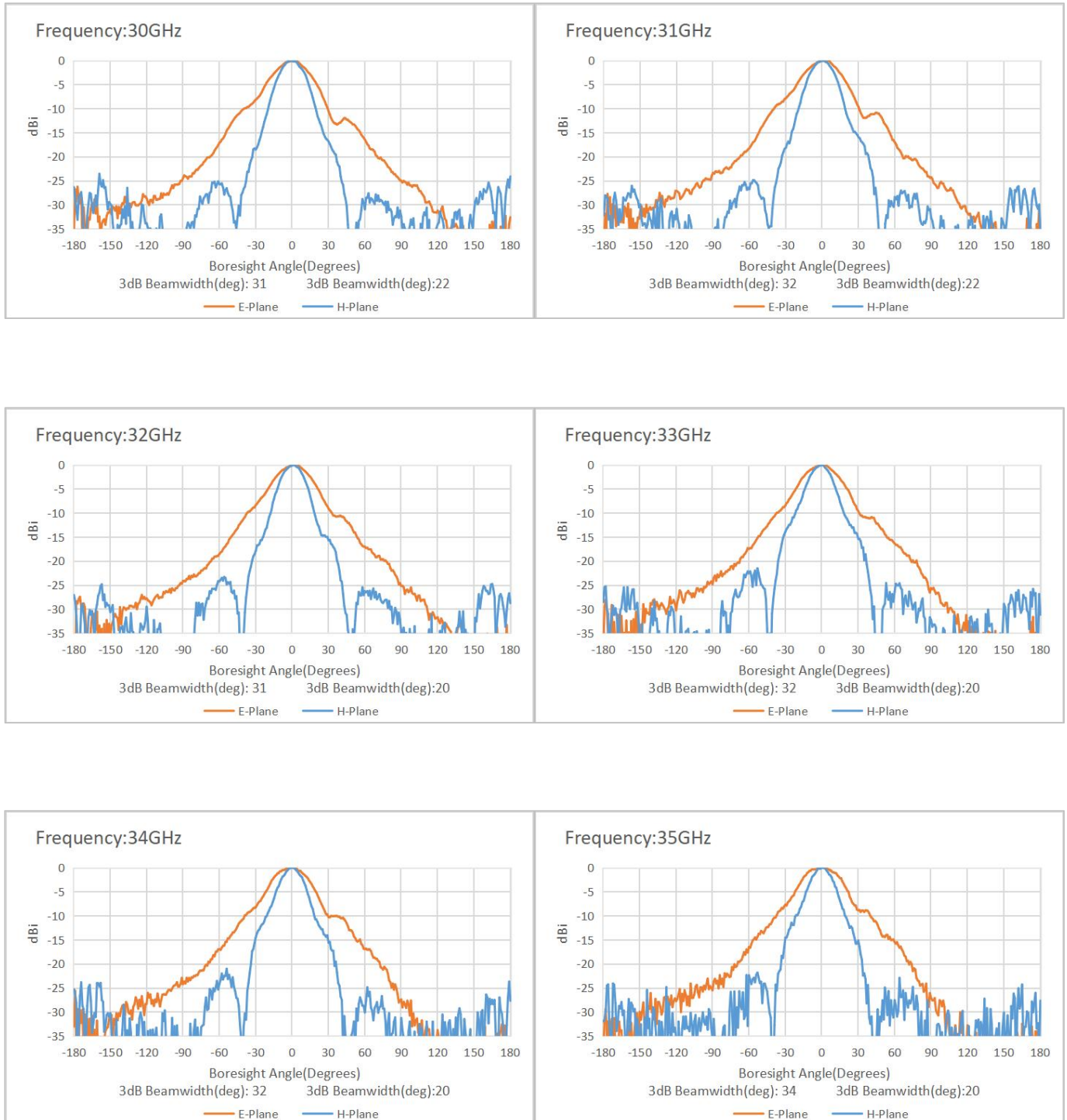




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