

ANTENNA MODEL 3183B



MODEL 3183B

- 1 GHz to 18 GHz Frequency Range
- Up to 20W Input Power

ETS-Lindgren's Model 3183B Broadband Mini-Bicon Antenna was designed for CISPR 16 chamber characterization. The radiation pattern is omni directional in the H-Plane, allowing the antenna to receive signals from every direction around the axis. The small size of the antenna enables it to be used for amplifier harmonic measurements when performing tests per IEC 61000-4-3. It is also ideal for performing site VSWR per ANSI C63.25 and CISPR 16-1-4.

Features

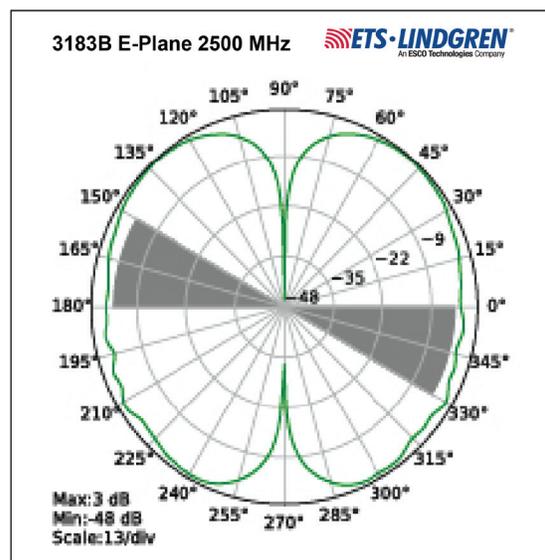
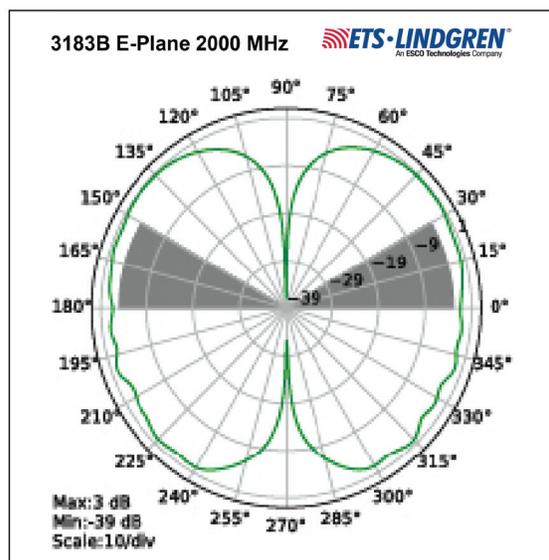
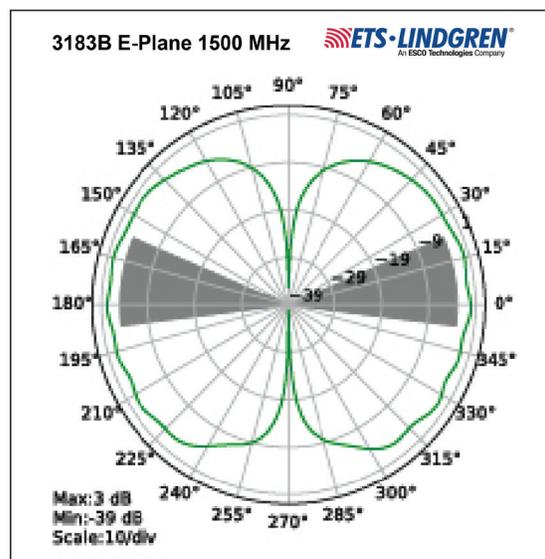
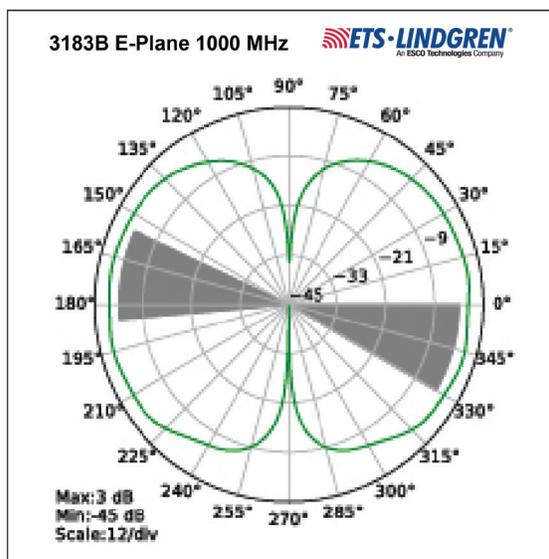
Spectrum Monitoring

The Model 3183 can be used for EM Field surveying and spectrum monitoring. It allows use as a field surveying tool, in conjunction with a portable spectrum analyzer.

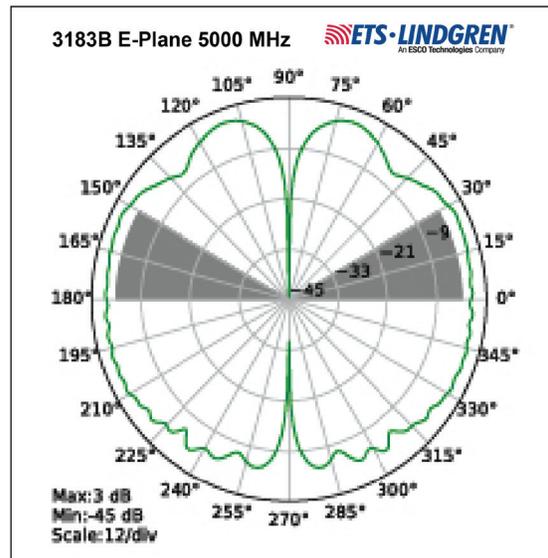
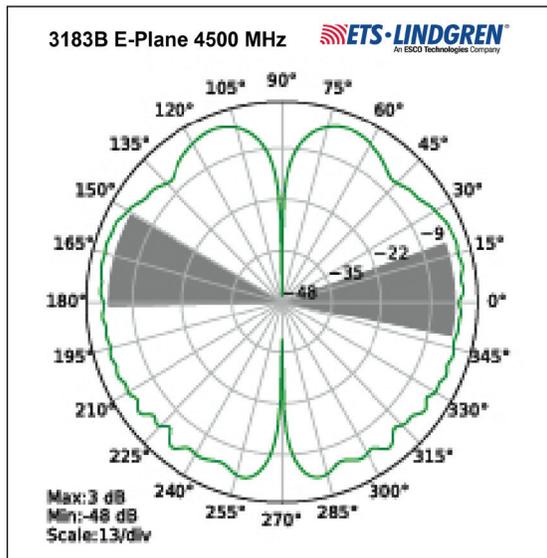
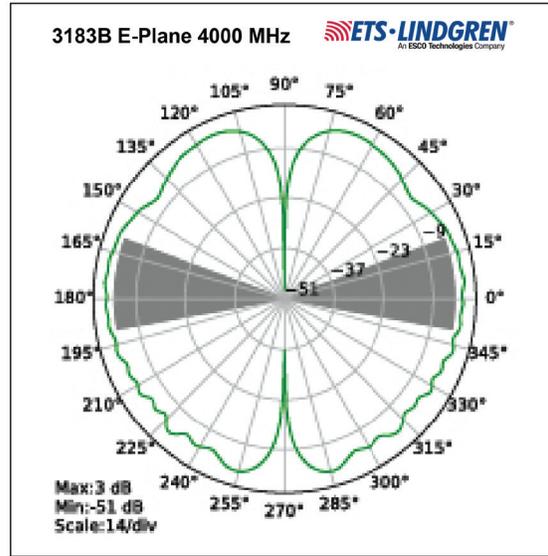
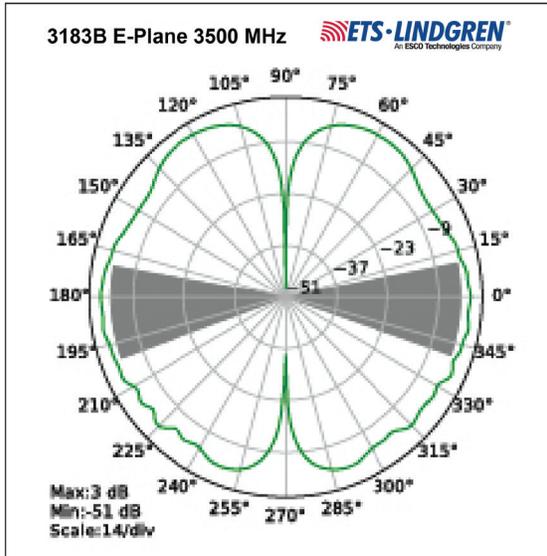
Technical Specifications

Electrical	
Frequency Minimum	1 GHz
Frequency Maximum	18 GHz
Impedance (Nominal)	50 Ω
Maximum Continuous Power	20 W
Pattern Type	Omnidirectional
Polarization	Linear (Vertical)
VSWR Ratio (Average)	2:1
Connectors	SMA (Female)
Physical	
Width	10.80 cm (4.25 in)
Length	37.70 cm (14.86 in)
Stinger Length	25.10 cm (9.88 in)
Weight	1.45 kg (3.20 lb)

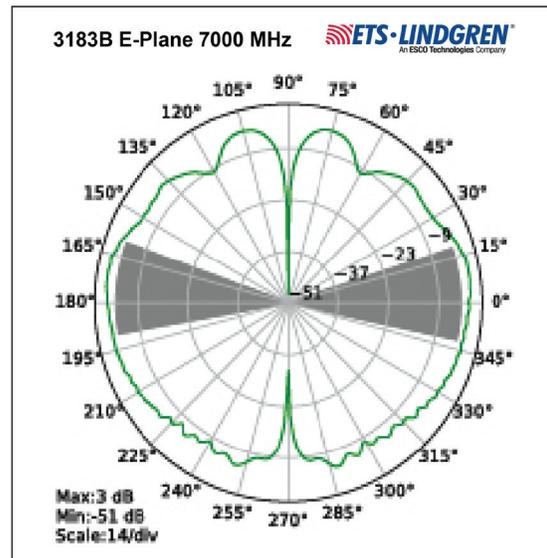
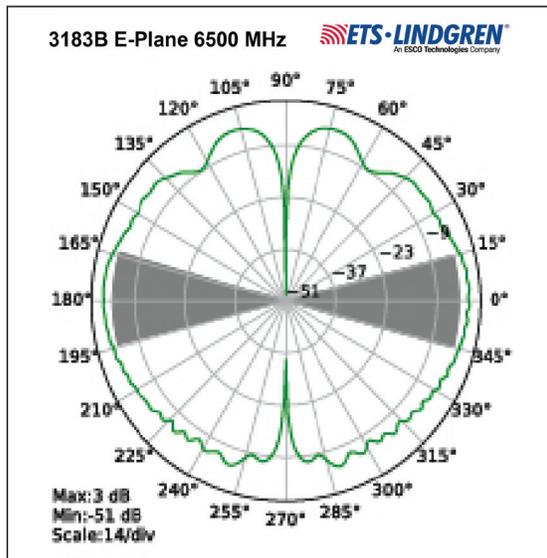
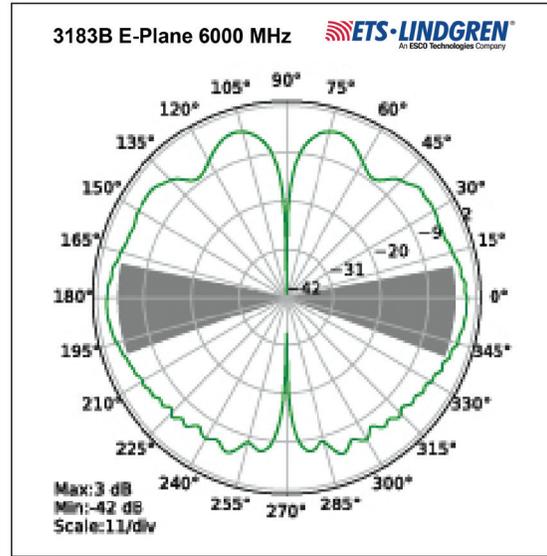
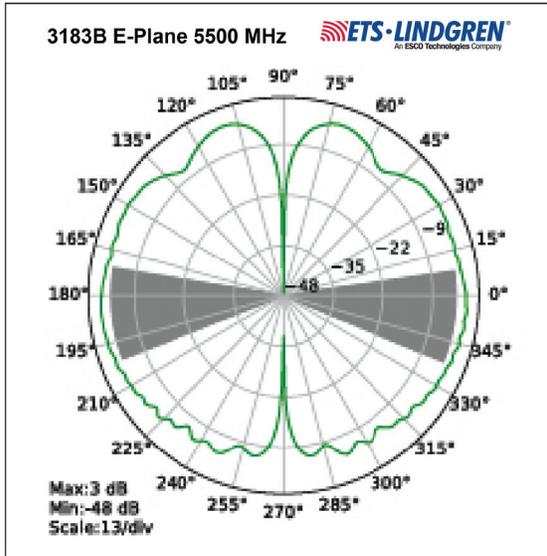
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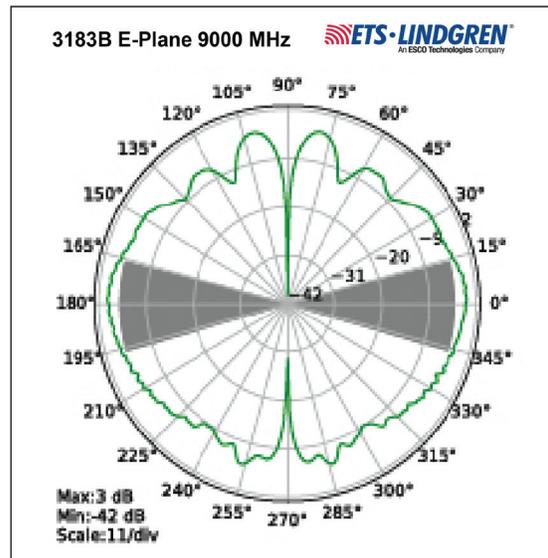
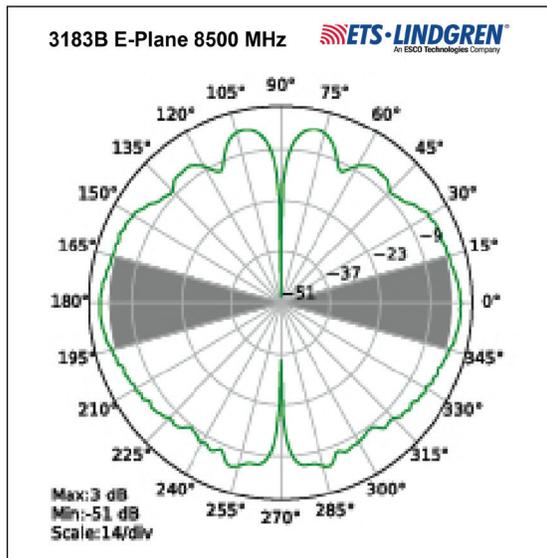
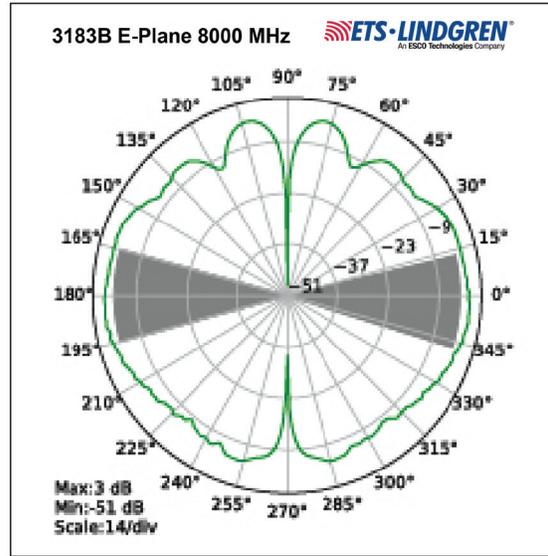
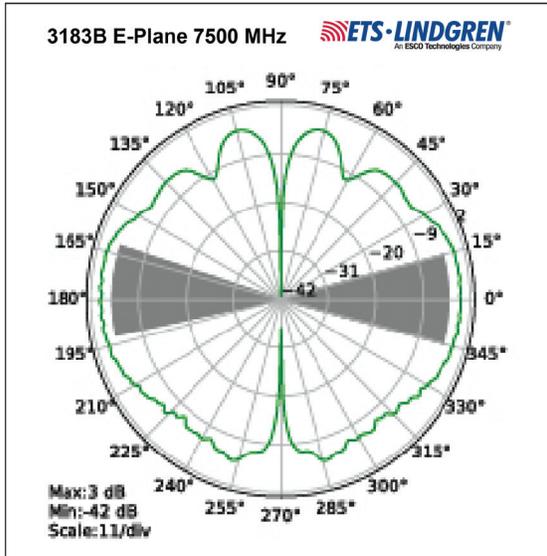
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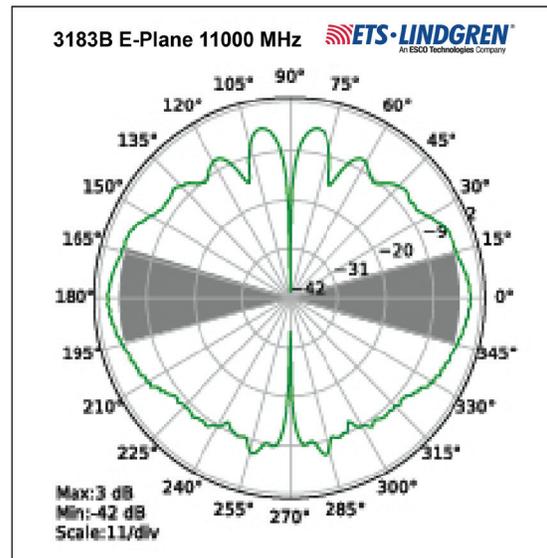
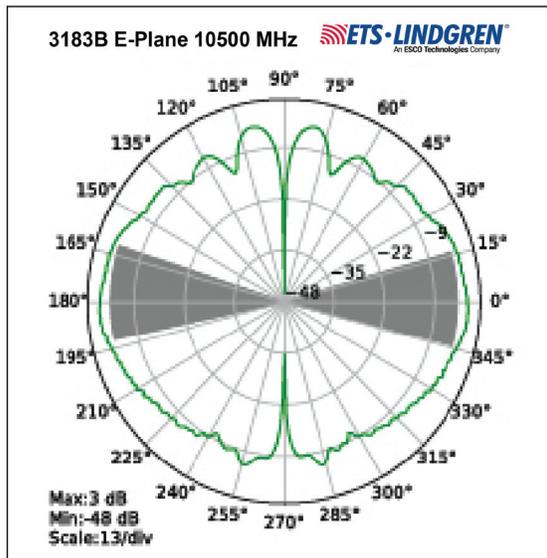
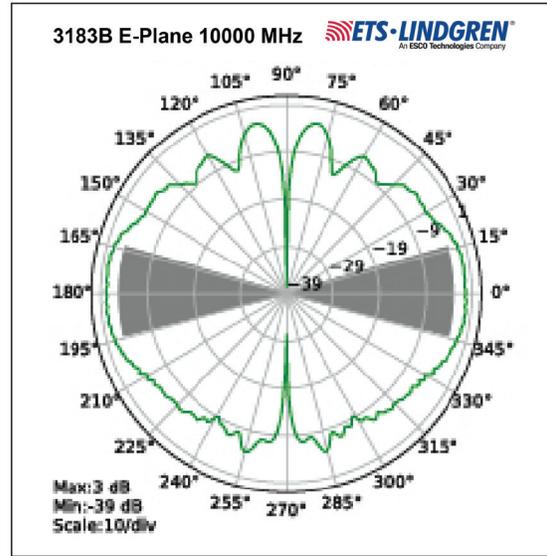
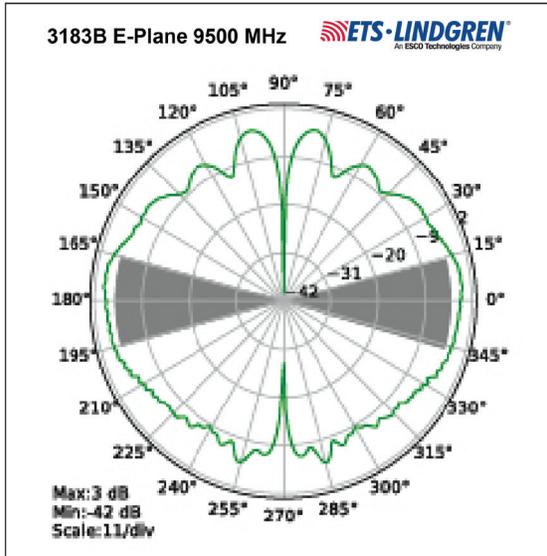
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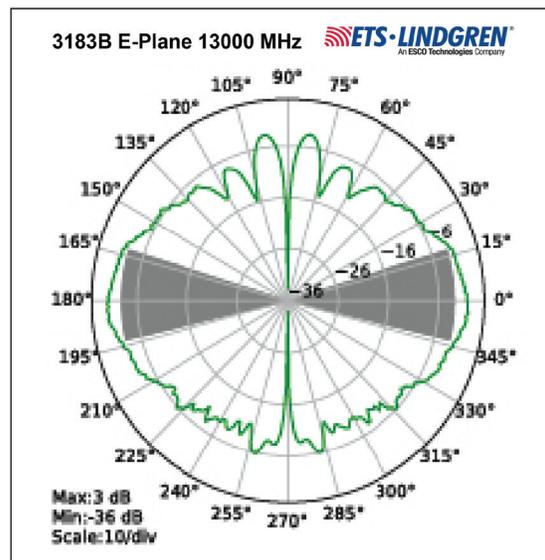
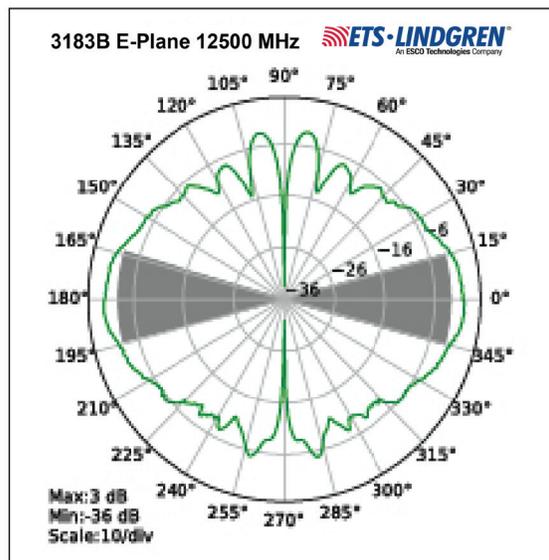
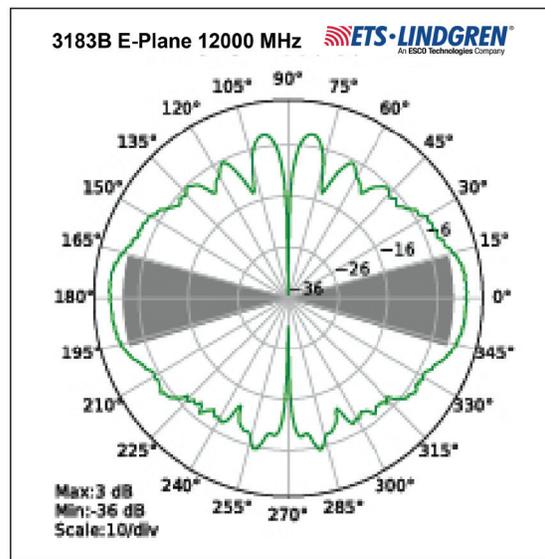
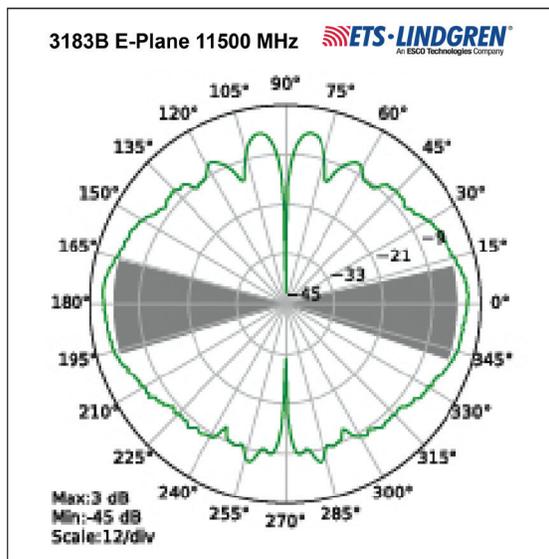
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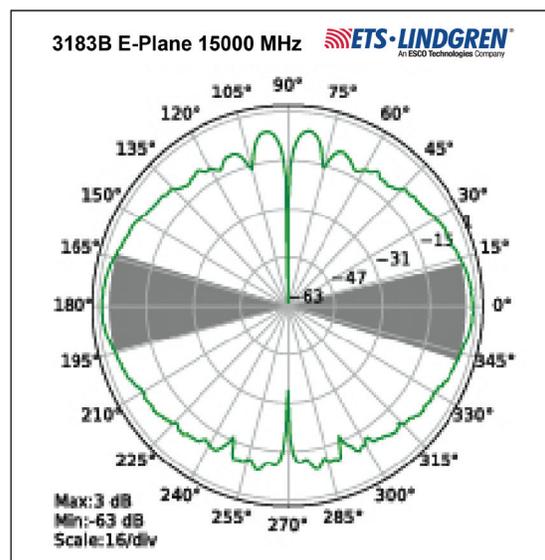
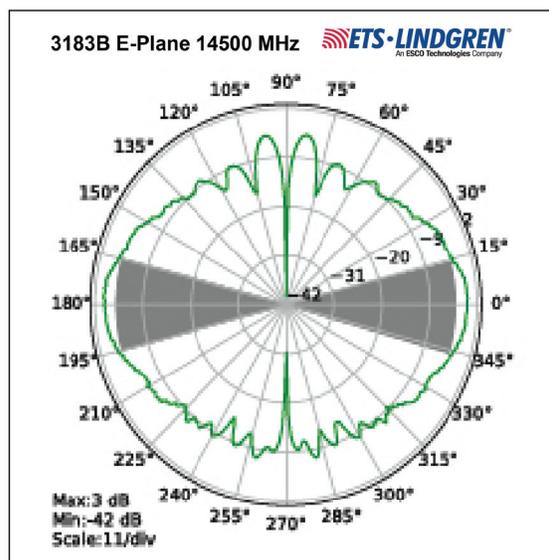
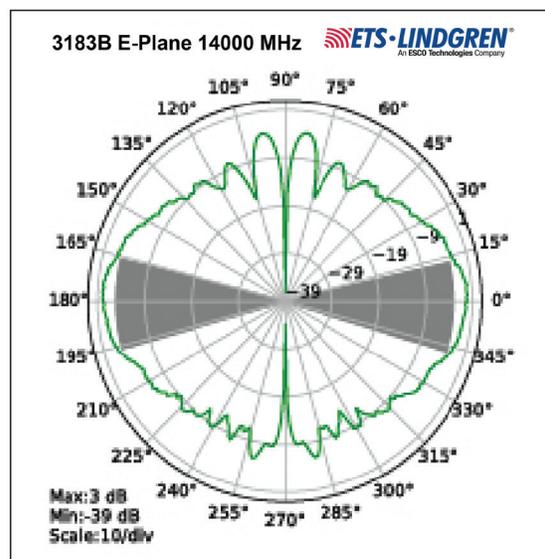
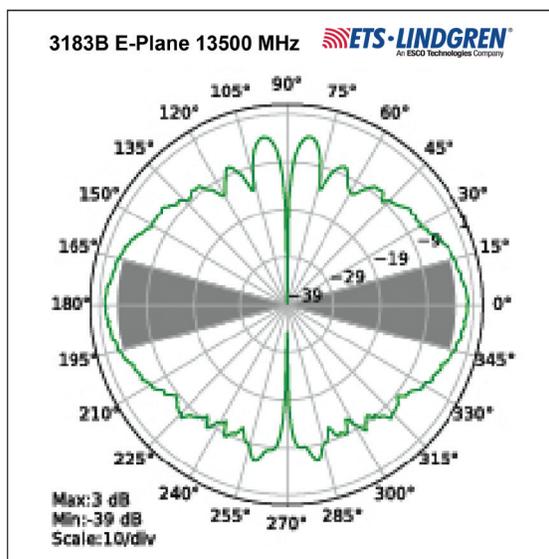
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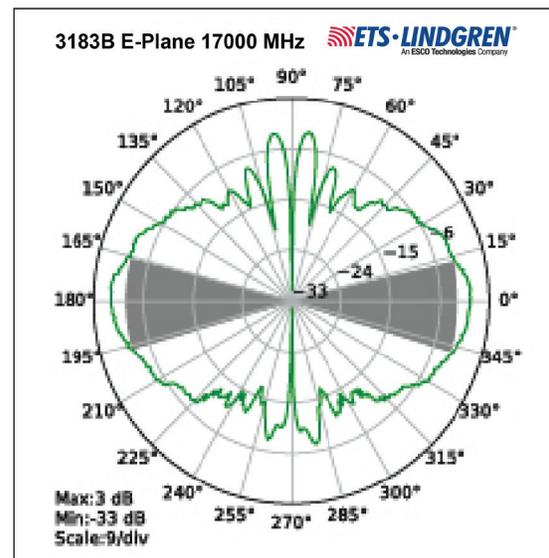
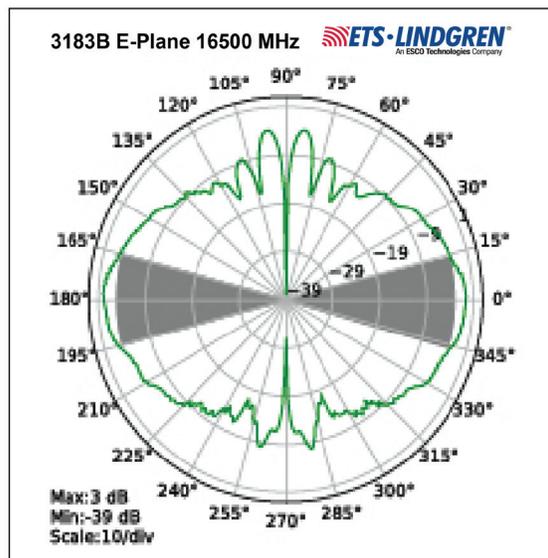
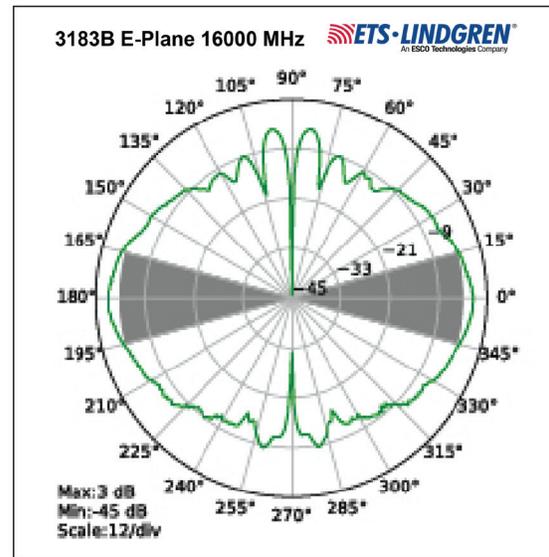
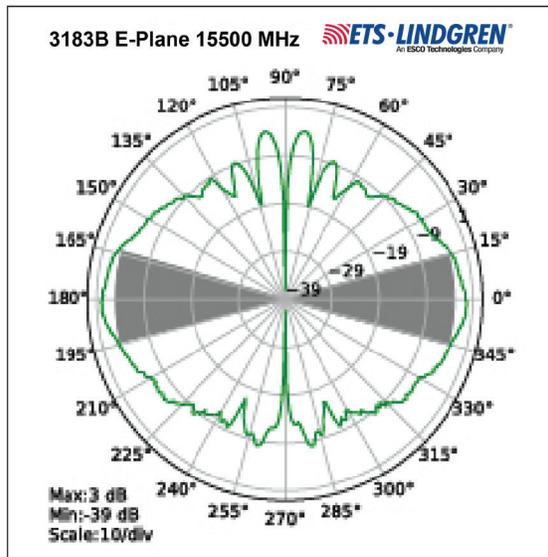
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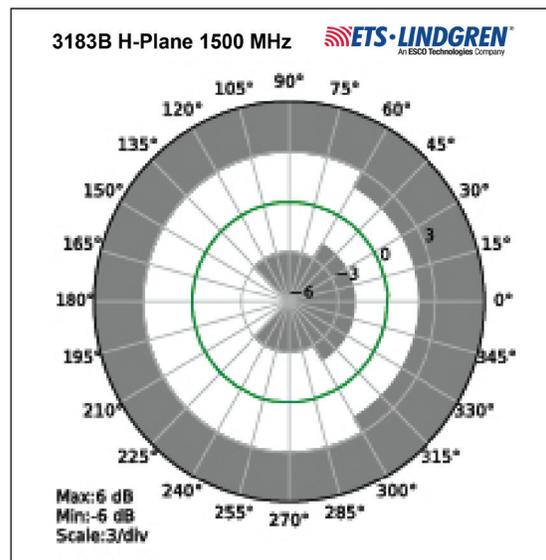
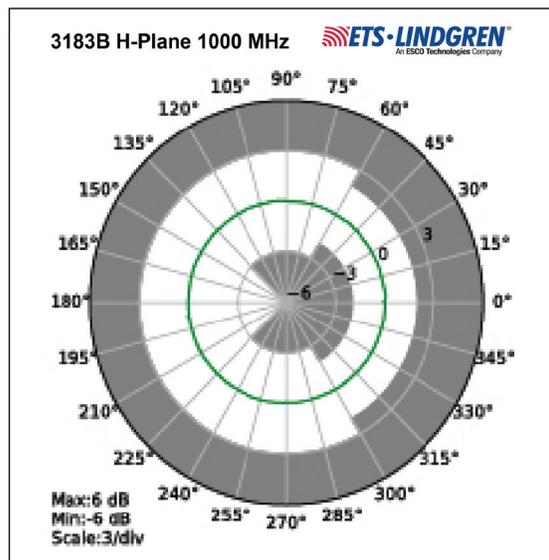
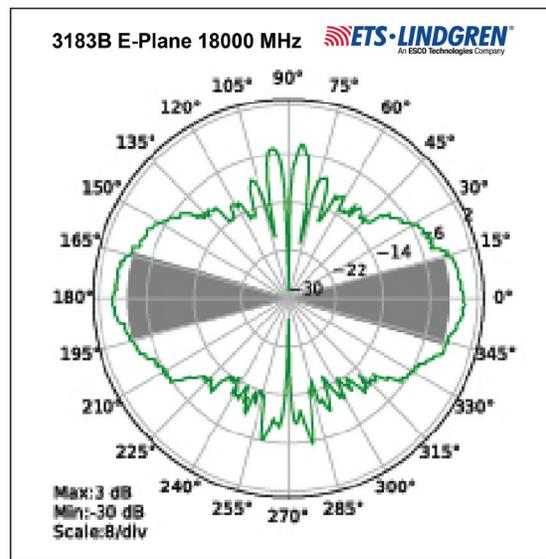
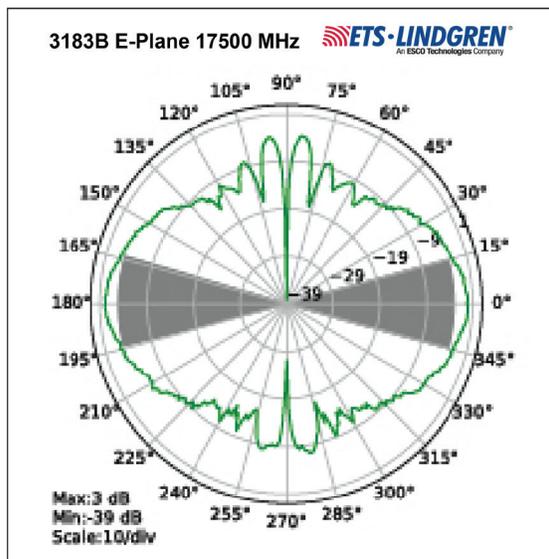
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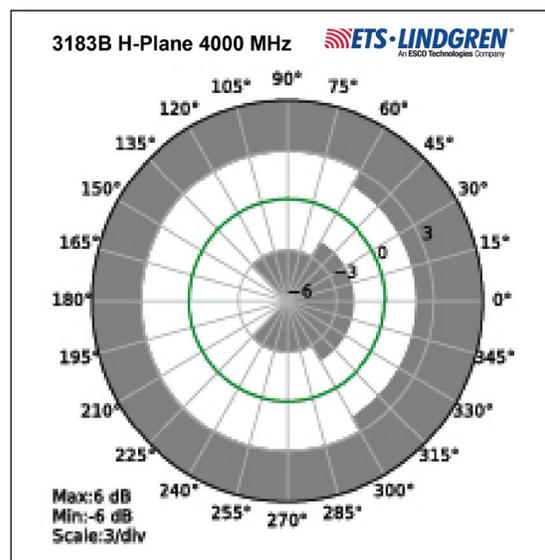
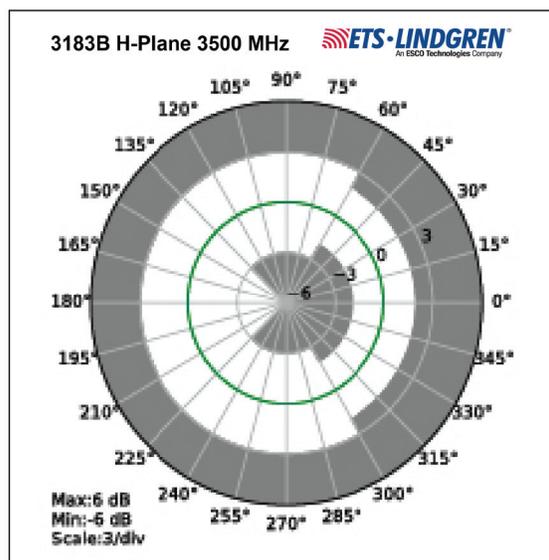
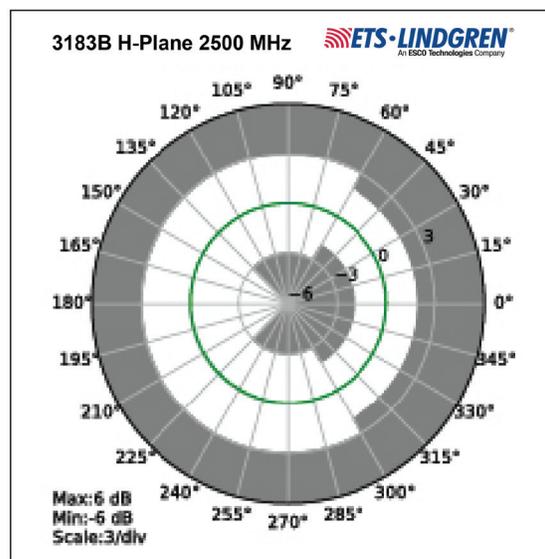
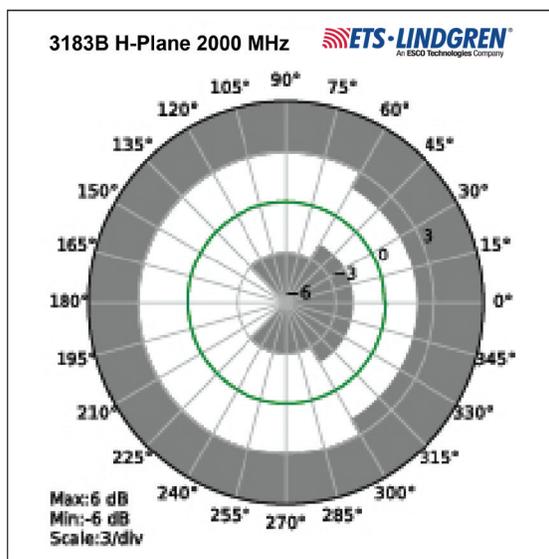
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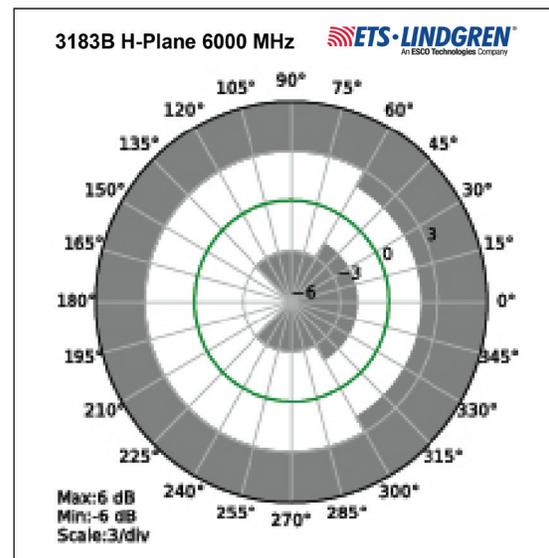
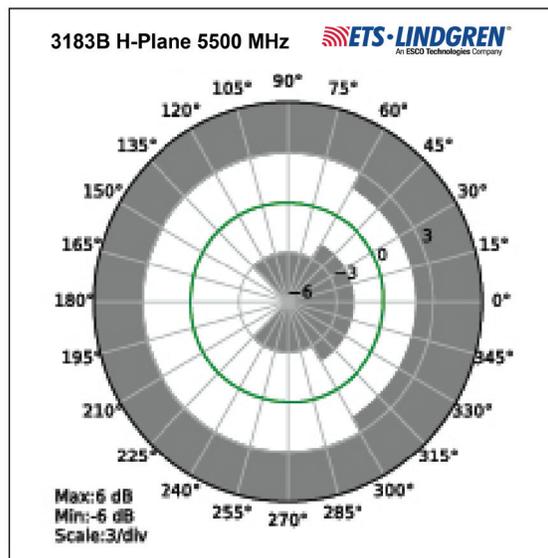
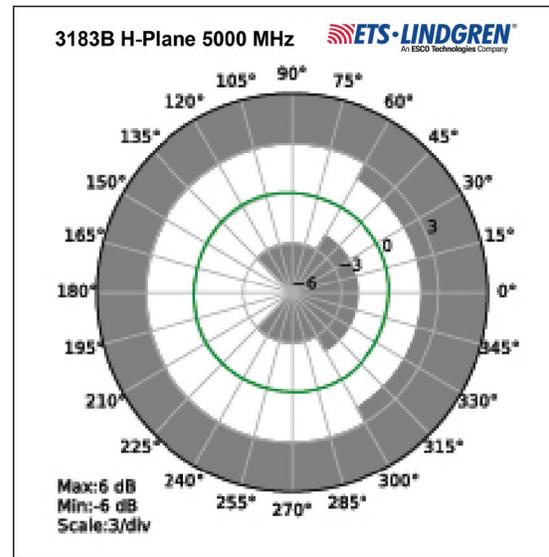
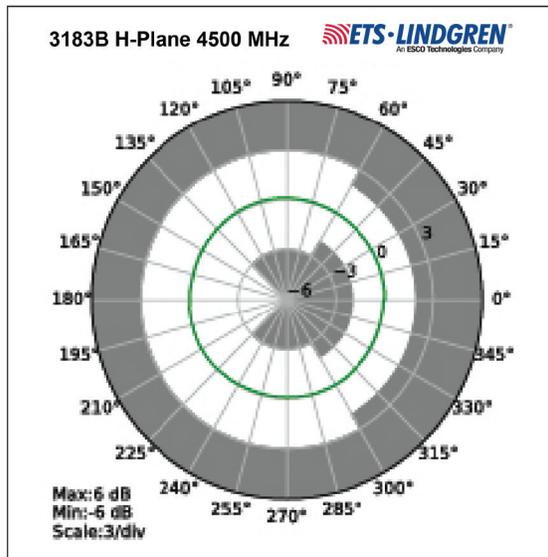
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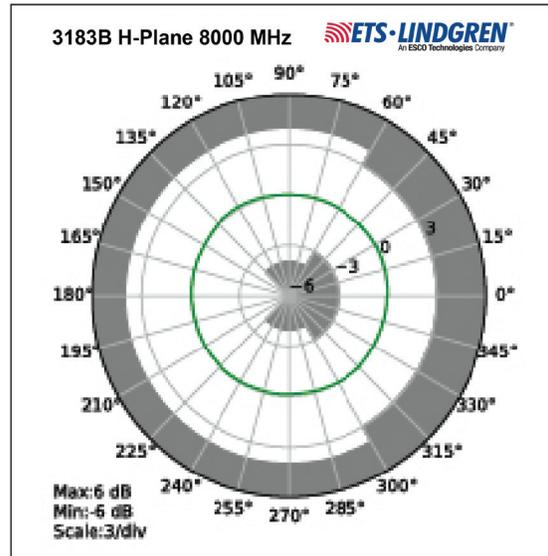
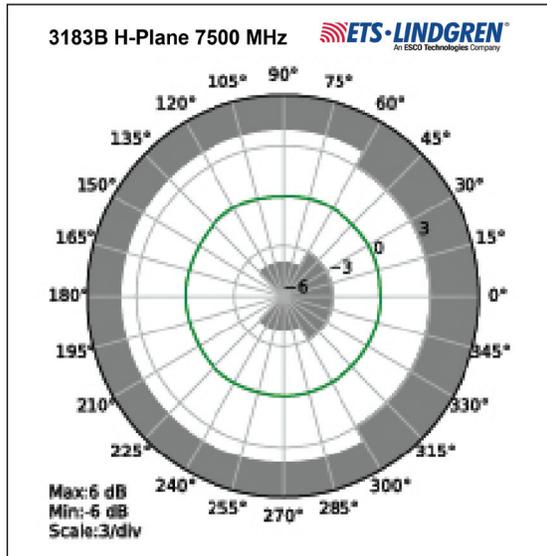
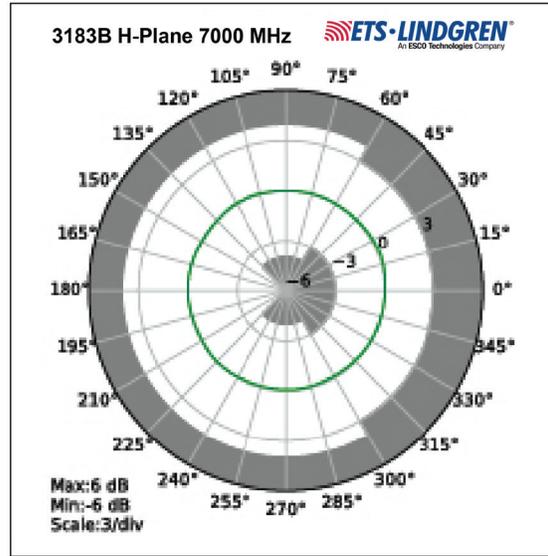
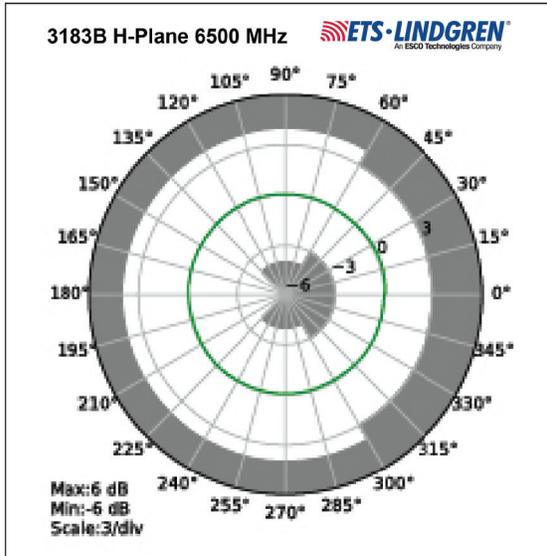
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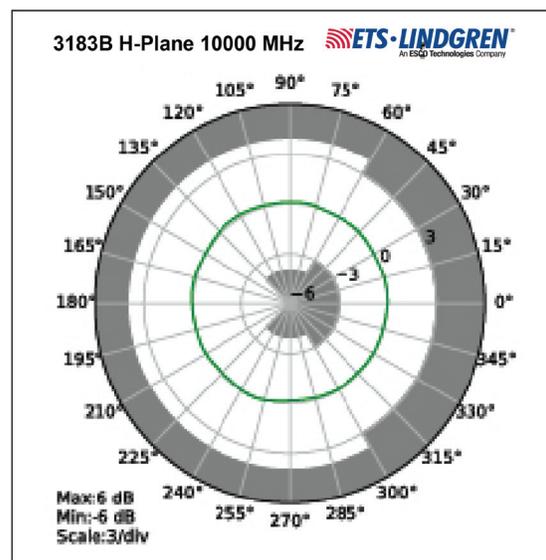
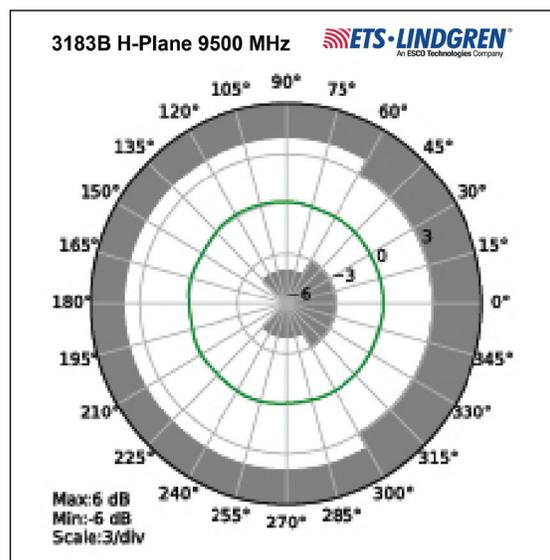
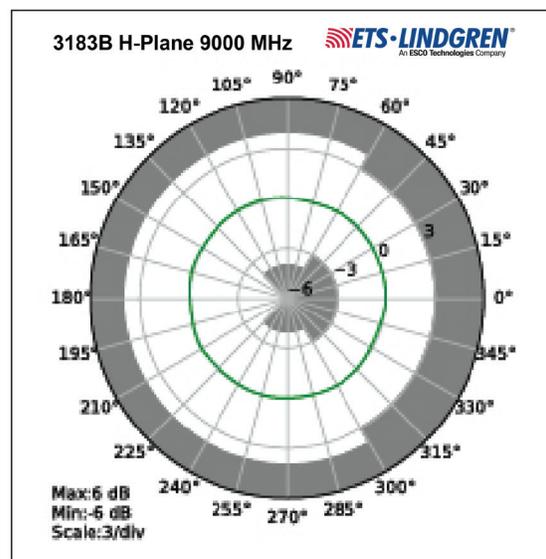
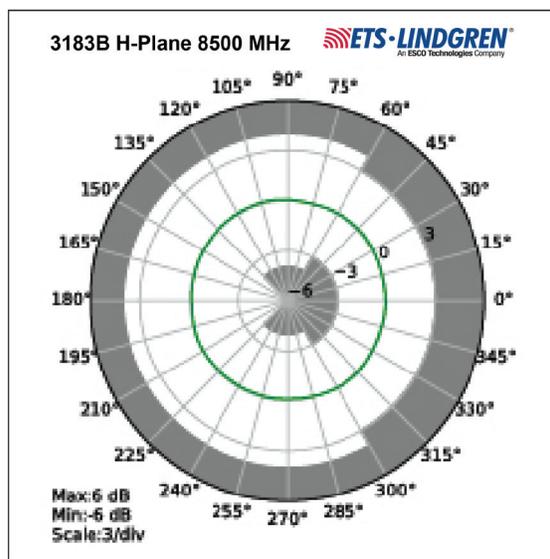
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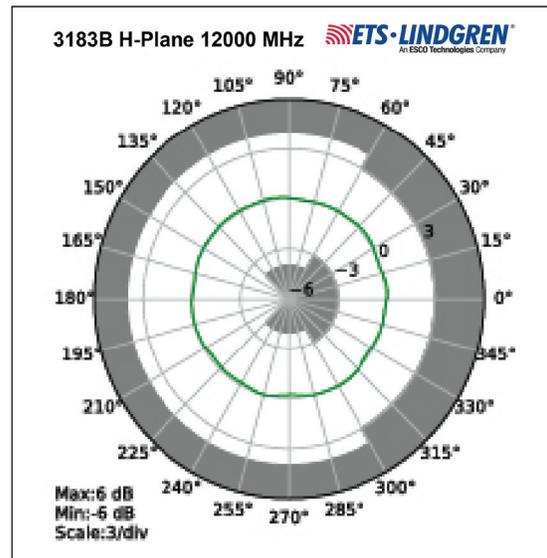
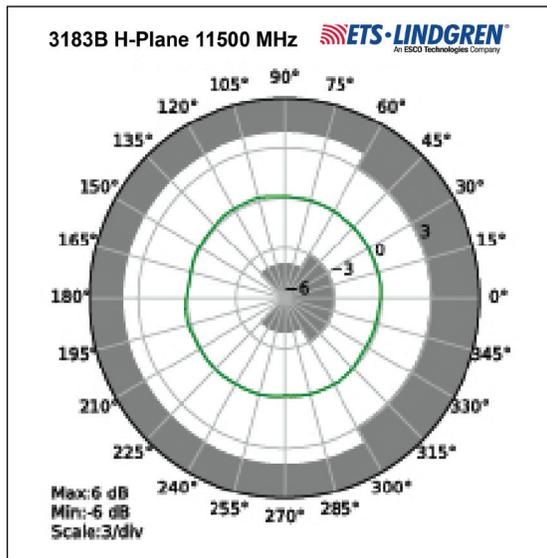
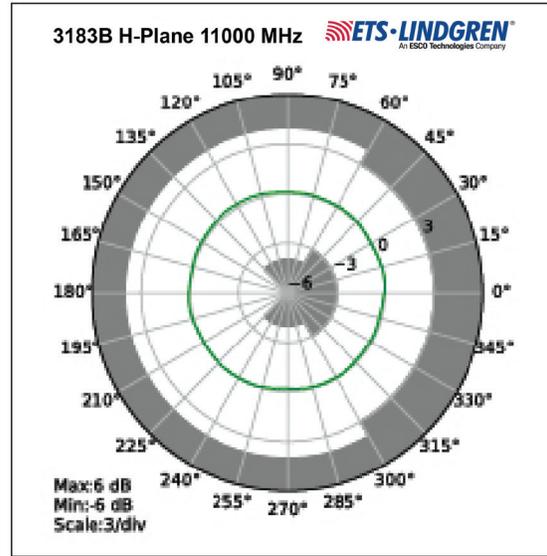
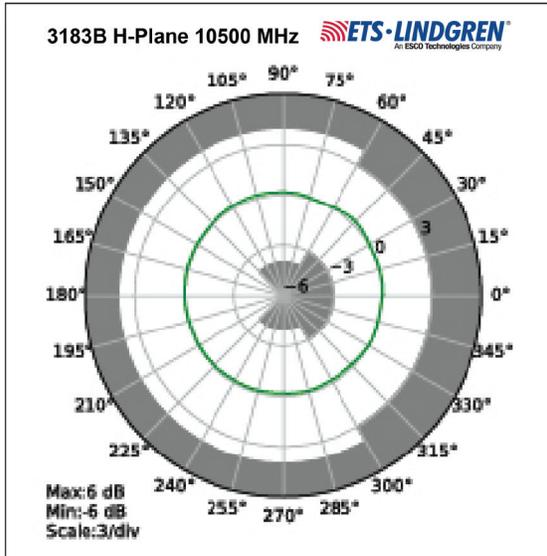
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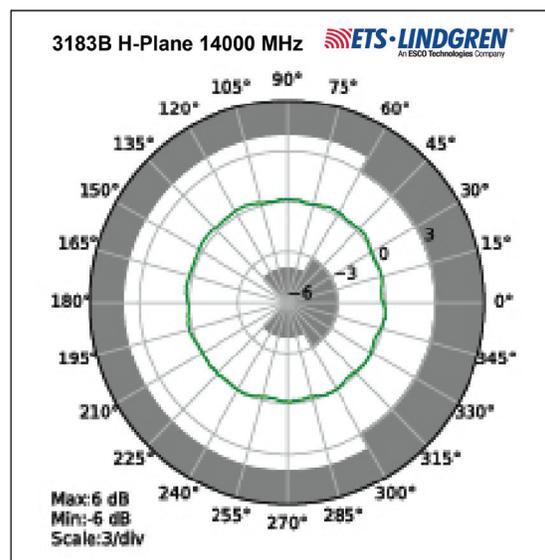
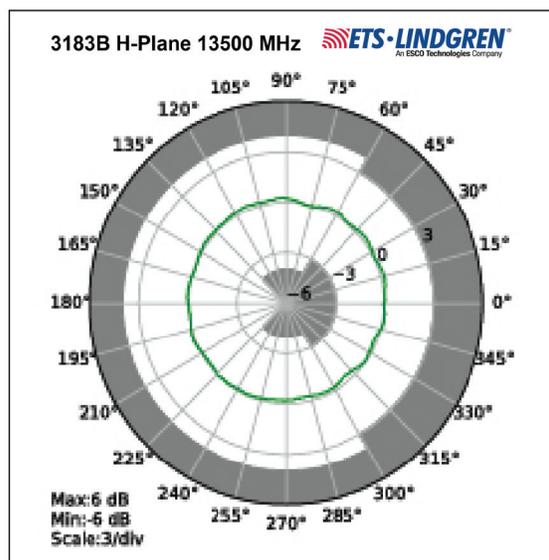
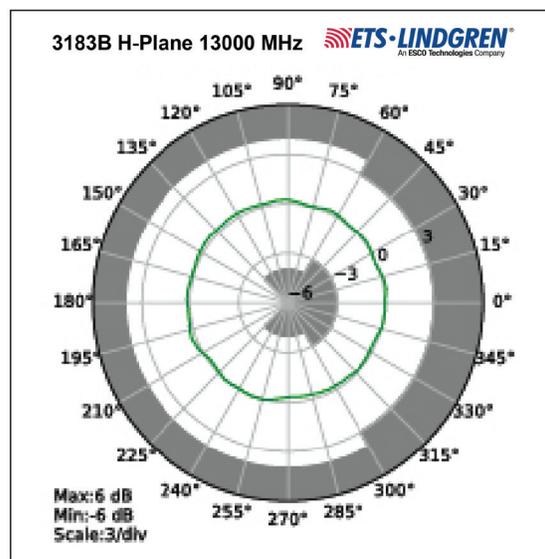
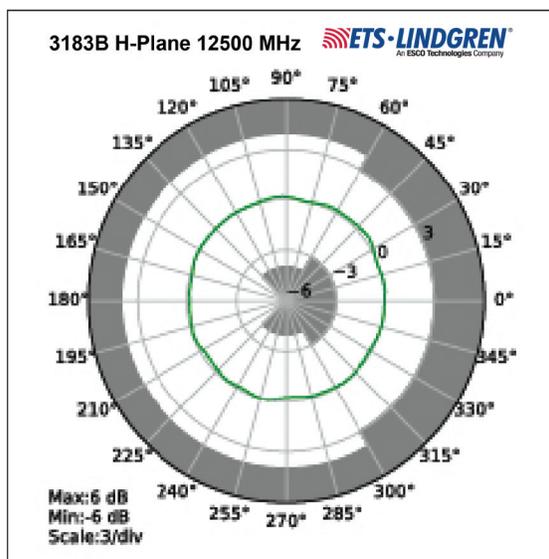
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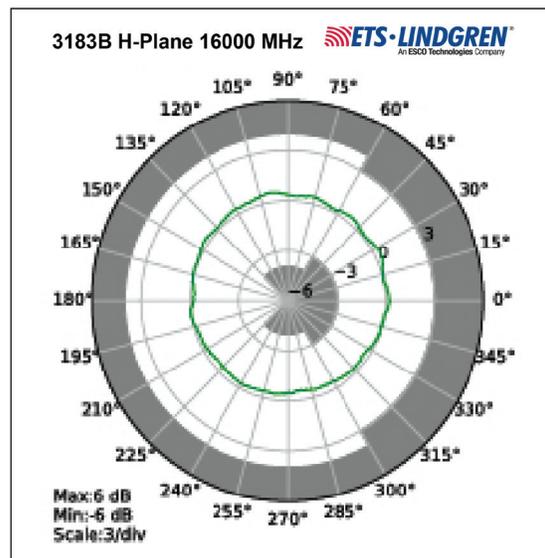
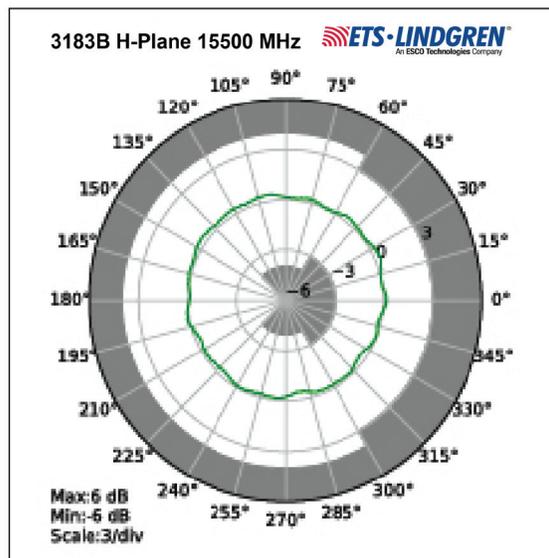
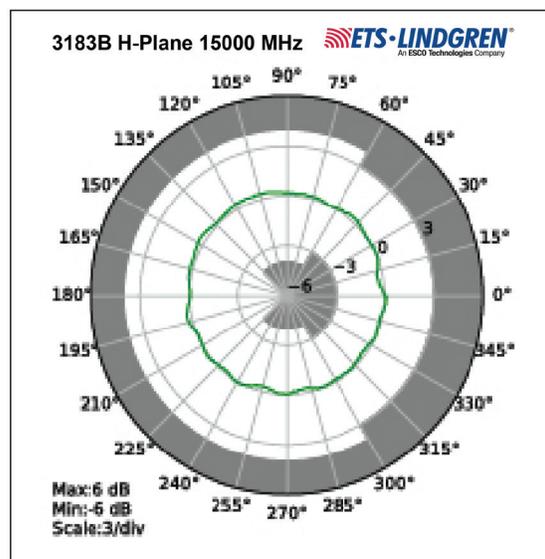
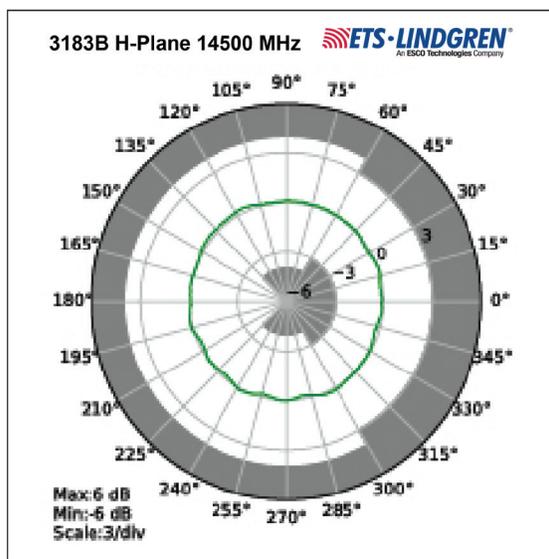
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