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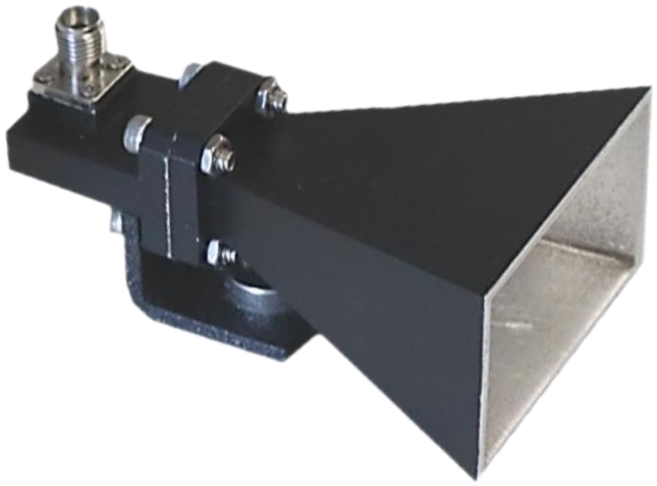
AA-MWH-2640G-B | Antenna, Standard Gain Horn, Passive, Directional



Specifications

Electrical

Frequency Range: 26.5GHz – 40GHz

Polarization: Linear, Vertical

VSWR: < 1.3:1 Typical

3dB Beamwidth: 14˚ - 17˚ Typical Horizontal

14˚ - 20˚ Typical Vertical

Impedance: 50Ω, Nominal

Gain: 17-21 dBi Nominal

Connector: Type 'K' (**EM-7104** | 26.5GHz-40GHz)

Waveguide: WR28

Mechanical

Dimensions:

Overall Length: 7.2 cm (2.8")

Width: 4.3 cm (0.7")

Height: 2.7 cm (1.2")

Weight: 45g (0.10 lbs.)

Mounting Options Available:

EM-7104 ¼ - 20 Vertical/Horizontal mount

EM-7104A WR-28 Coax-to-waveguide Adapter.

EM-7104B WR-28 20dBi Gain Horn Flare

Description

The AA-MWH-2640G-B Standard Gain Horn is a WR-28 waveguide based Ka band antenna featuring high gain and stable beamwidth across its frequency range.

The AA-MWH-2640G-B is based on the standard WR-28 waveguide and features a detachable UG-599/U flange mount which allows for the horn flare and coax-to-waveguide adapter to be used separately.

Each AA-MWH-2640G-B comes standard with NIST Traceable 1m gain and antenna factor calibration data.

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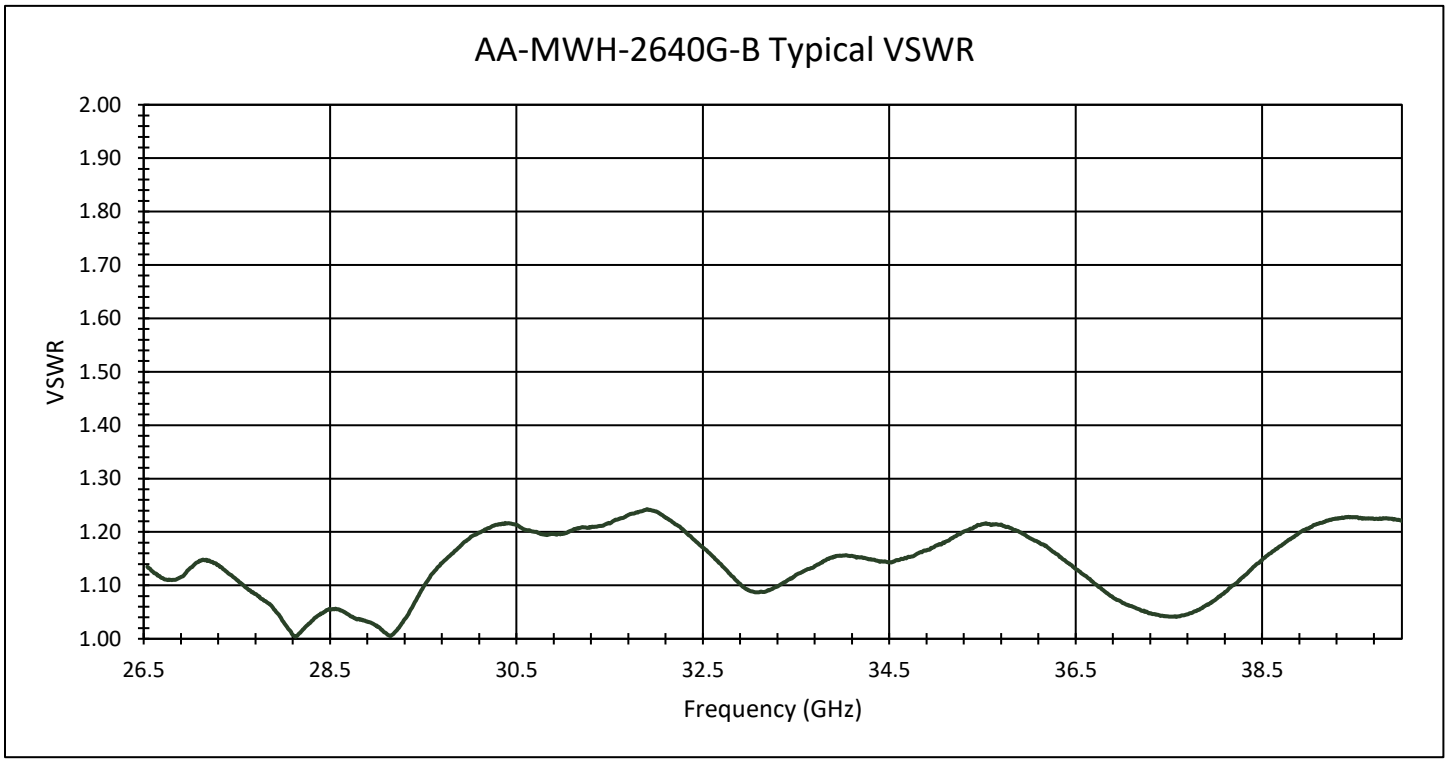

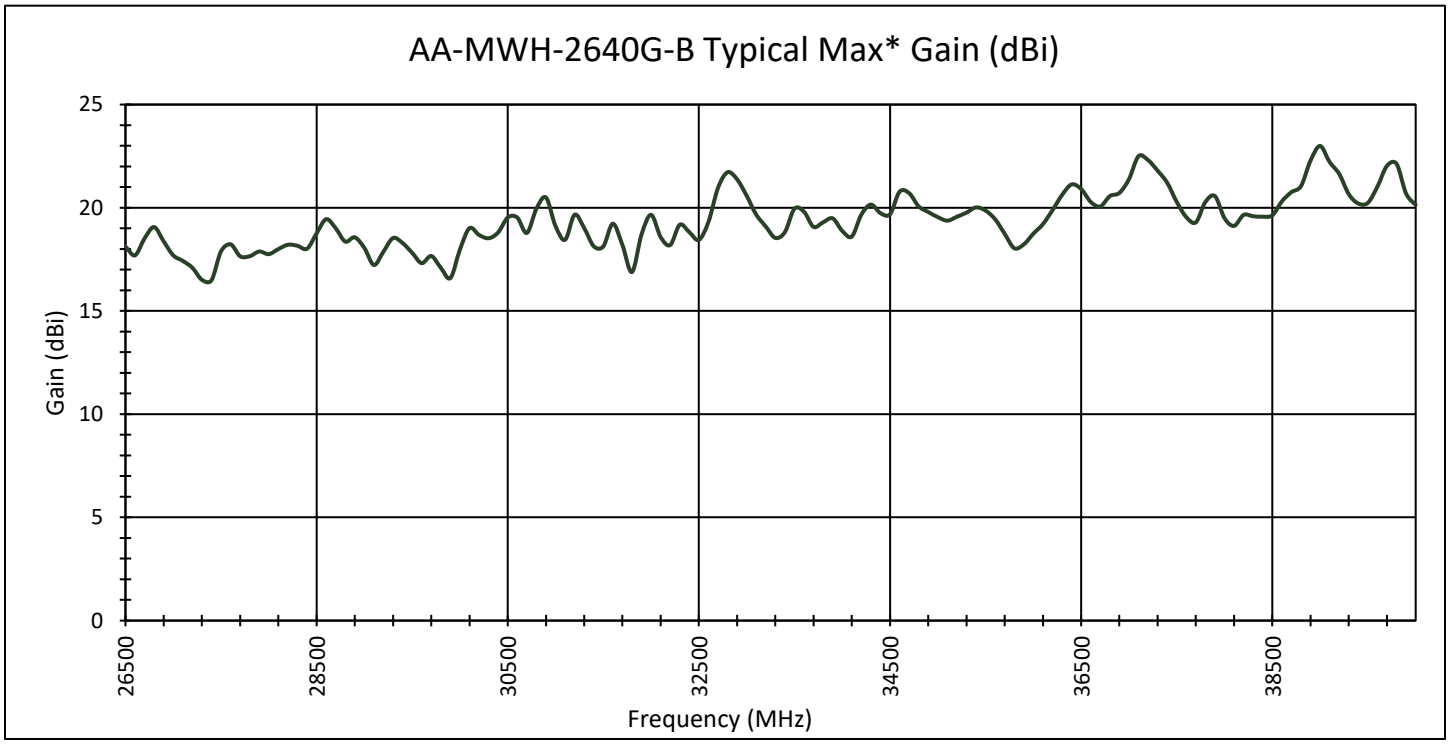

*Maximum Gain determined from scans at all radiation angles and elevations. Data shown is typical, not guaranteed.

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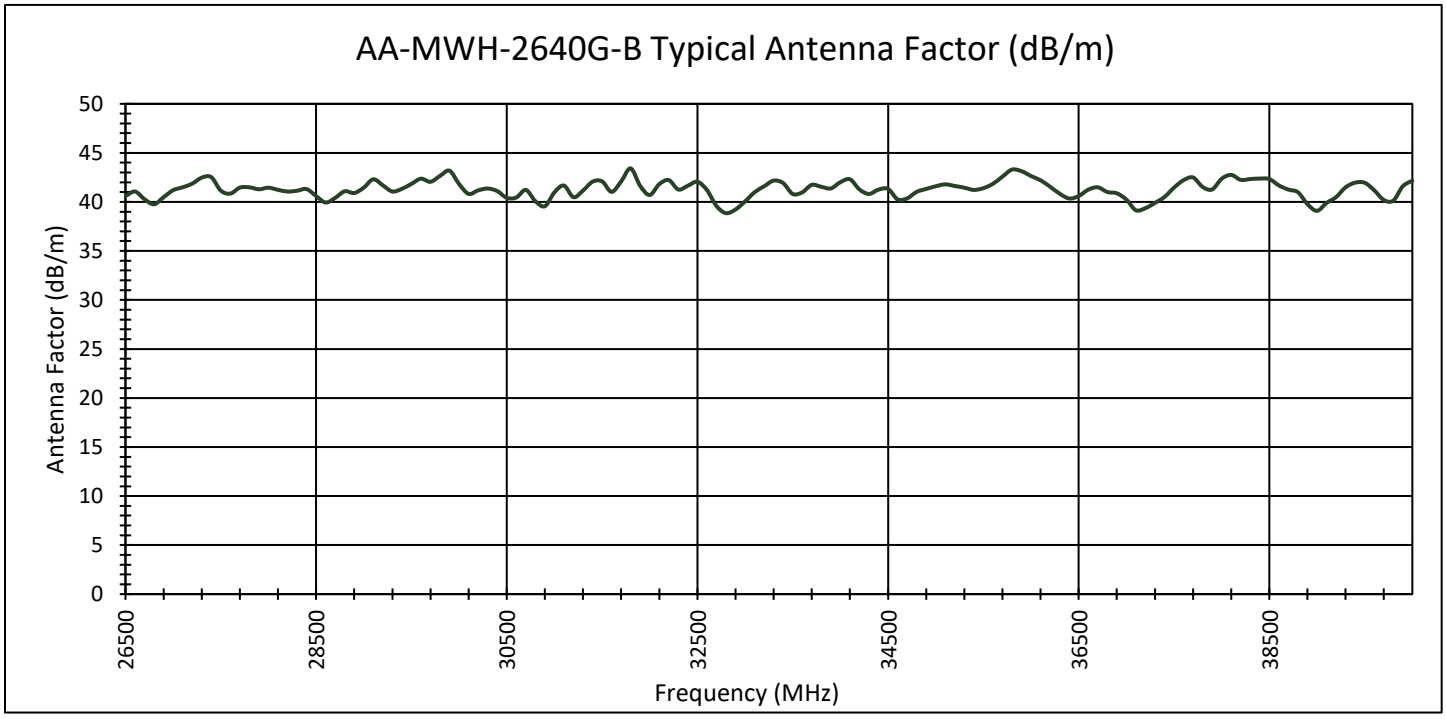

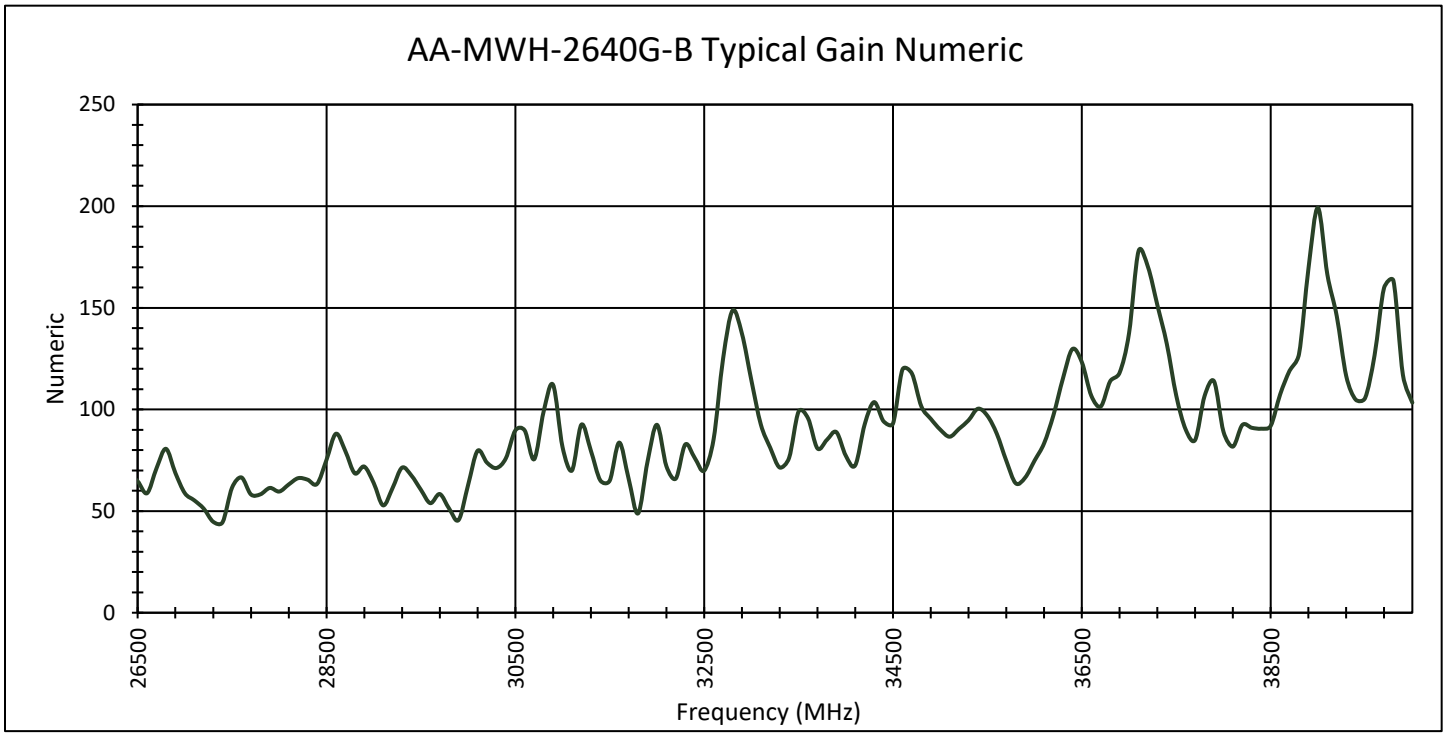

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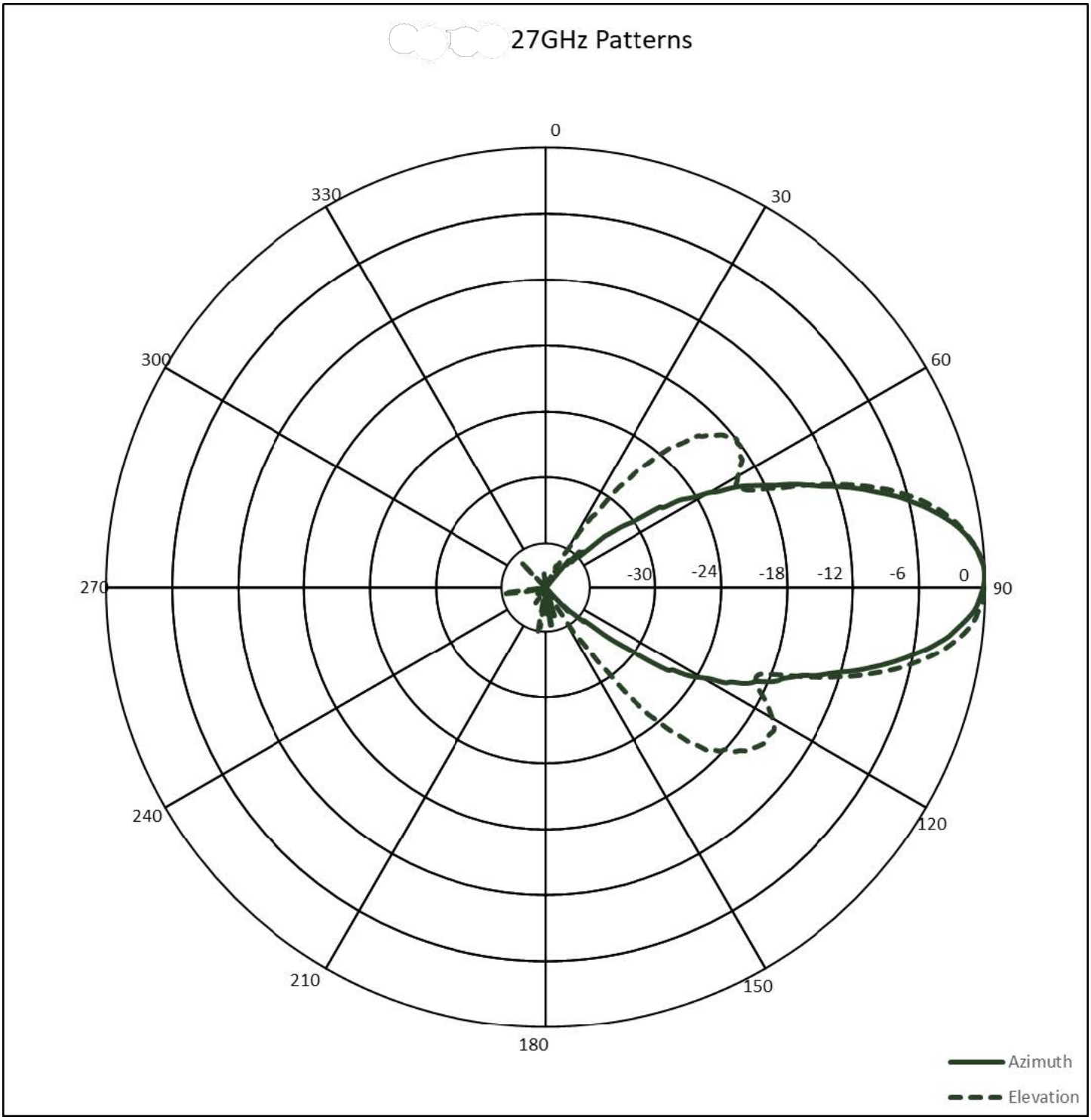

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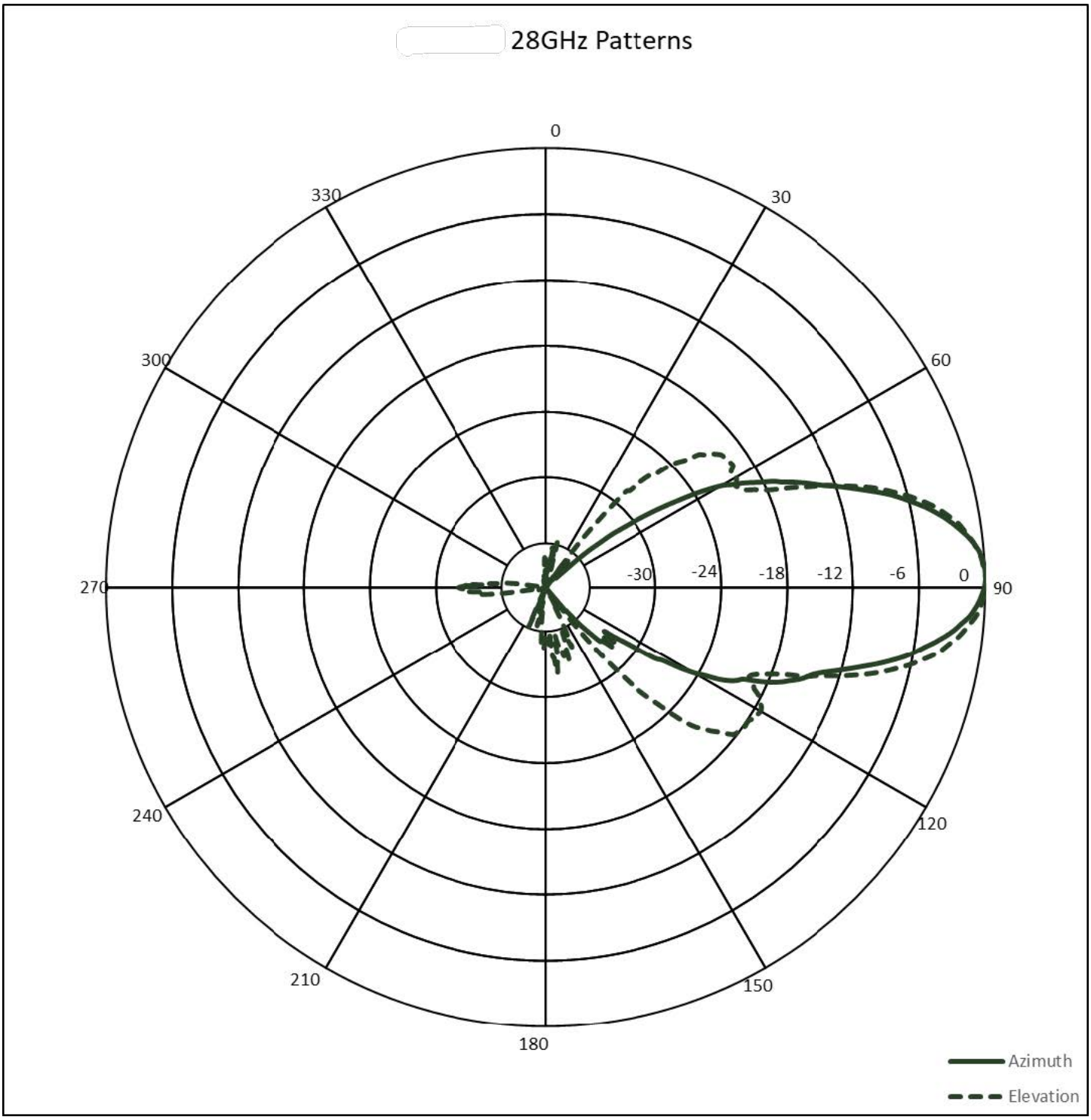

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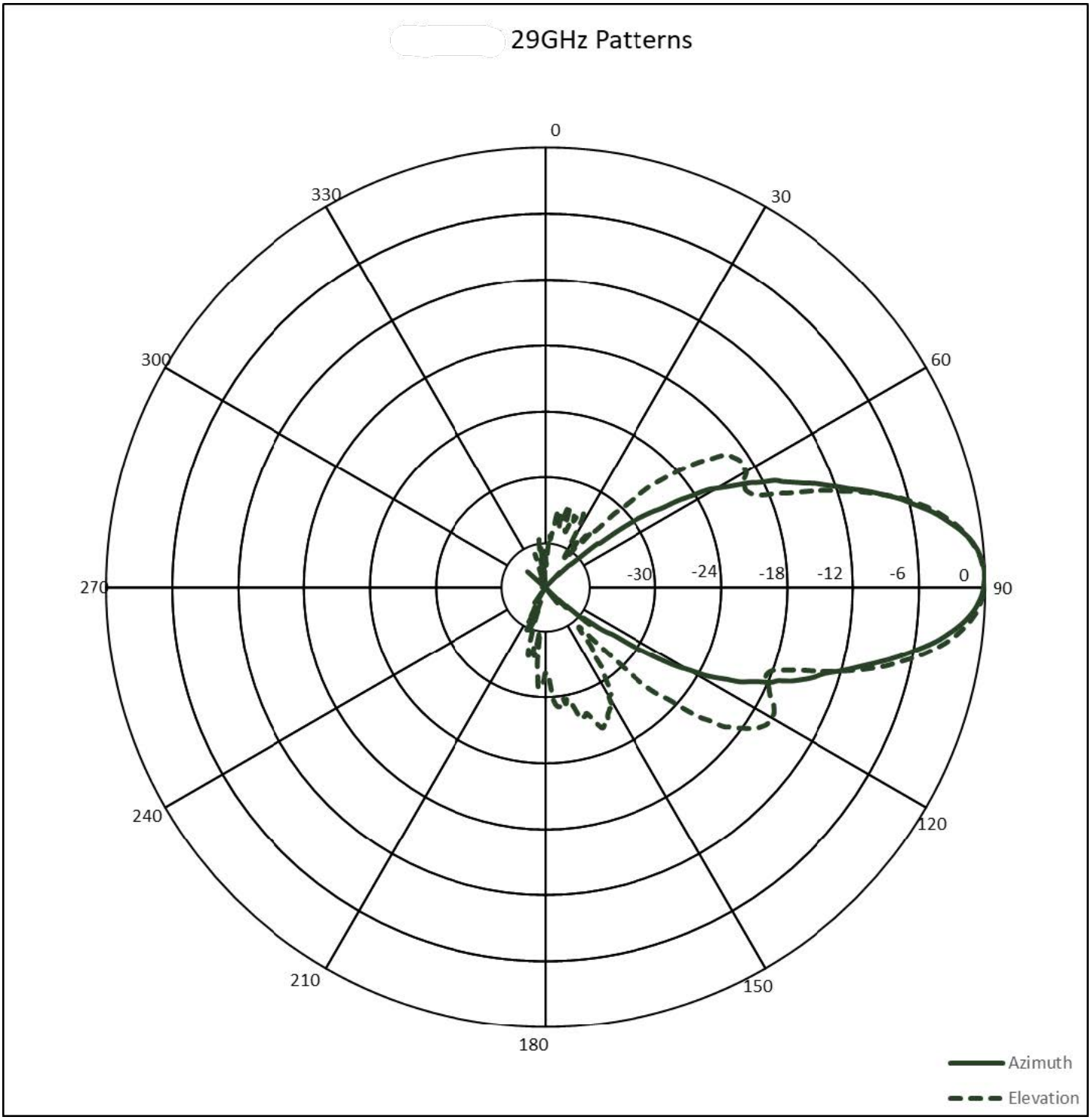

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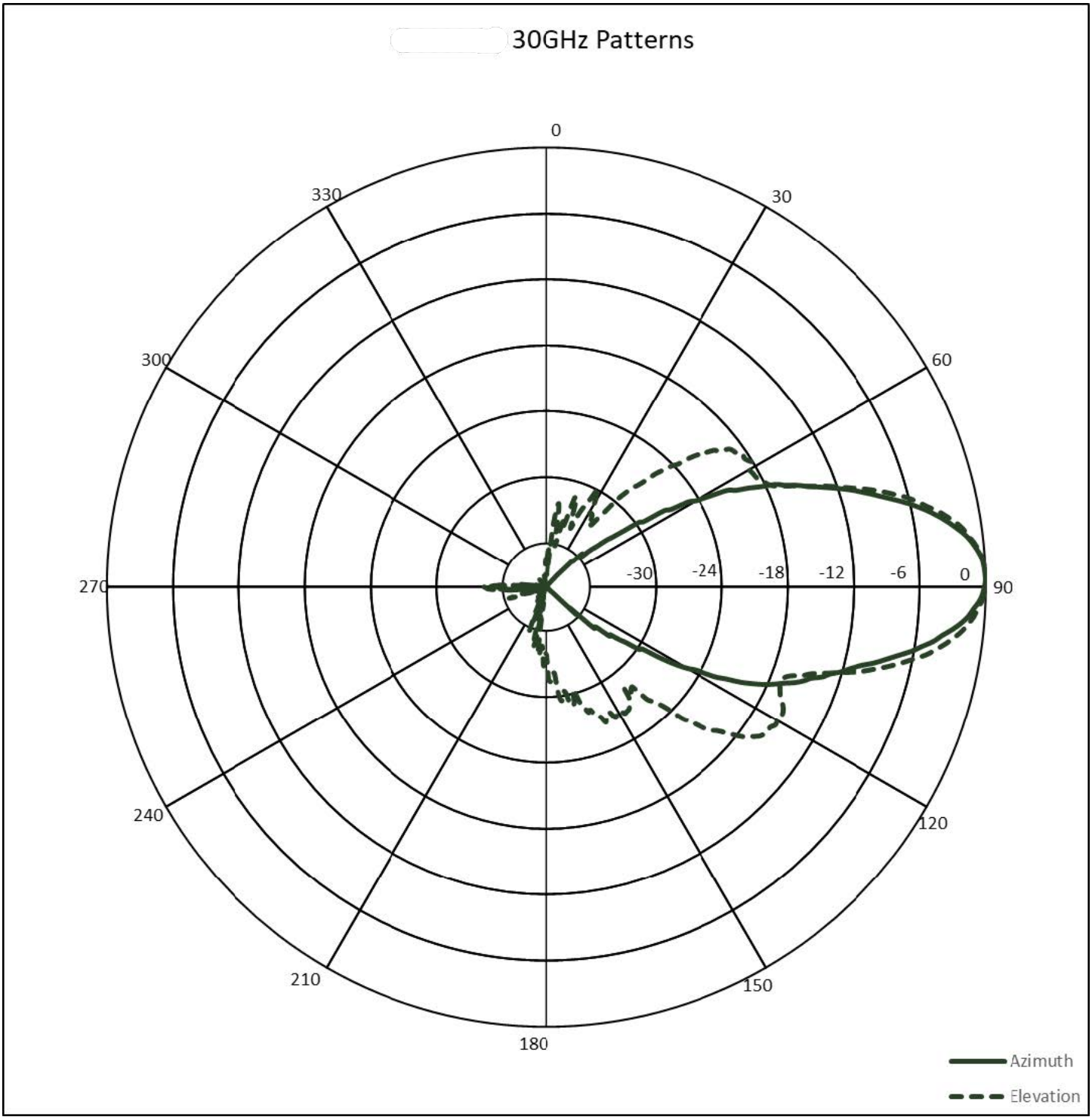

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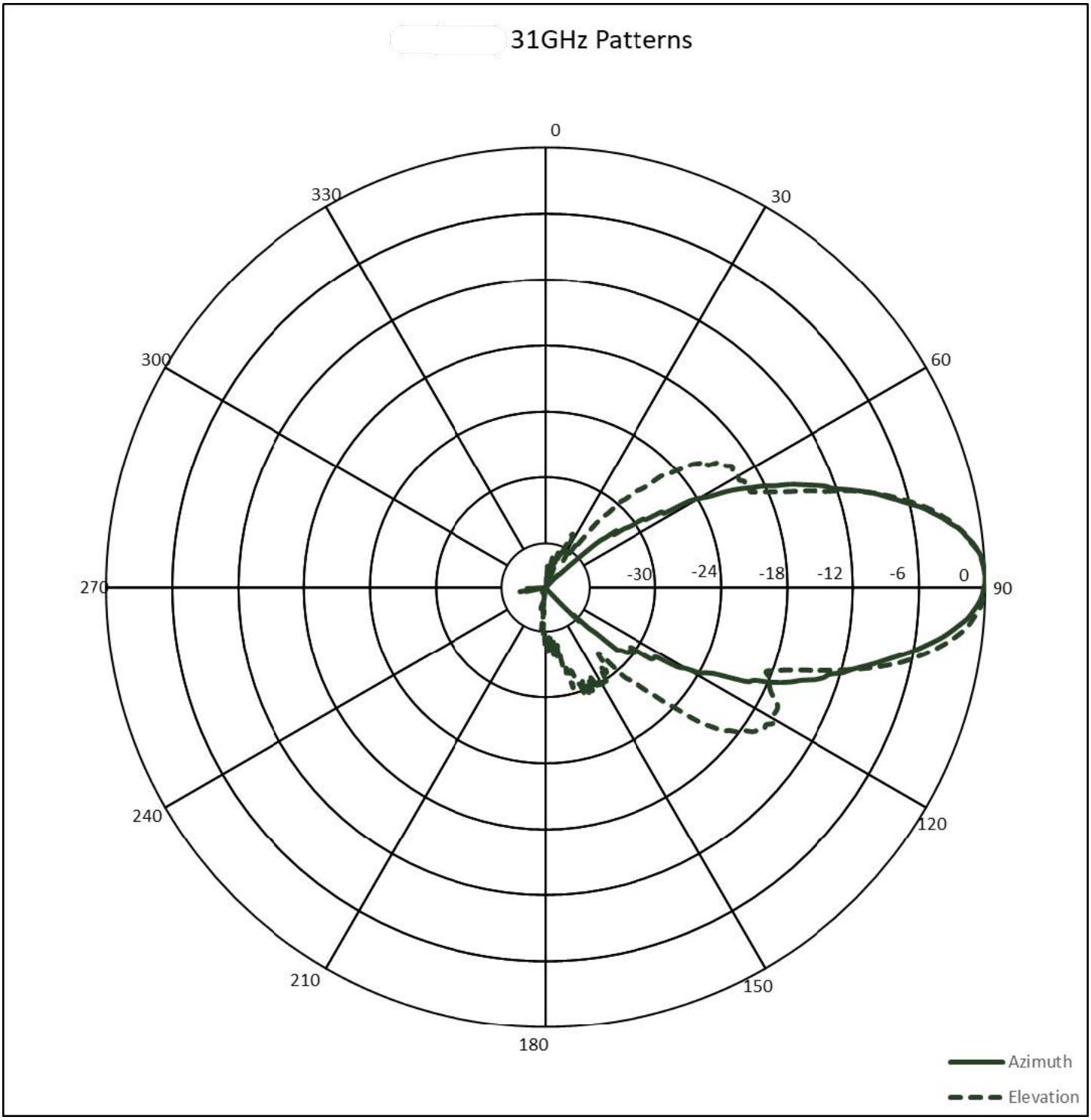

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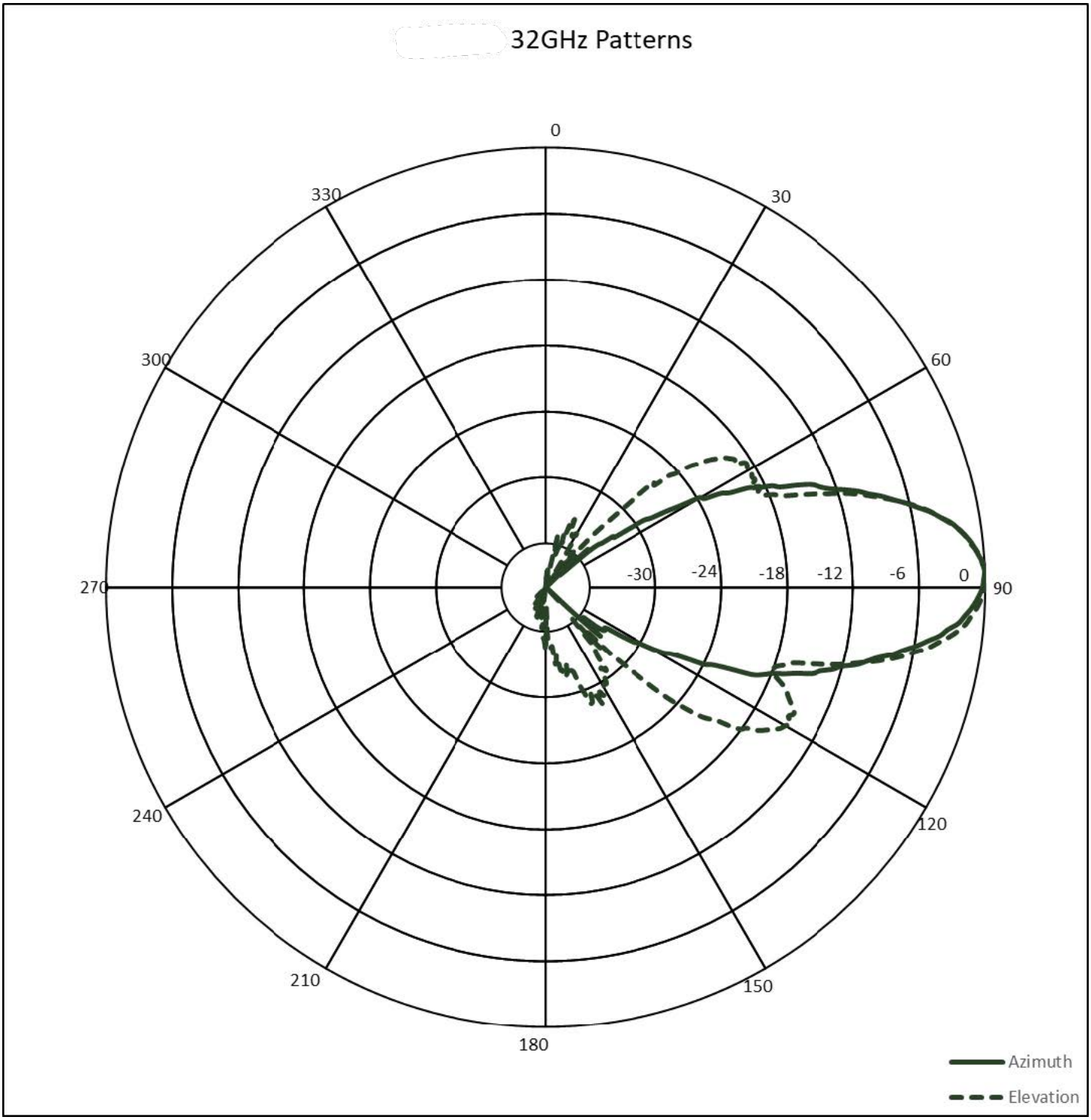

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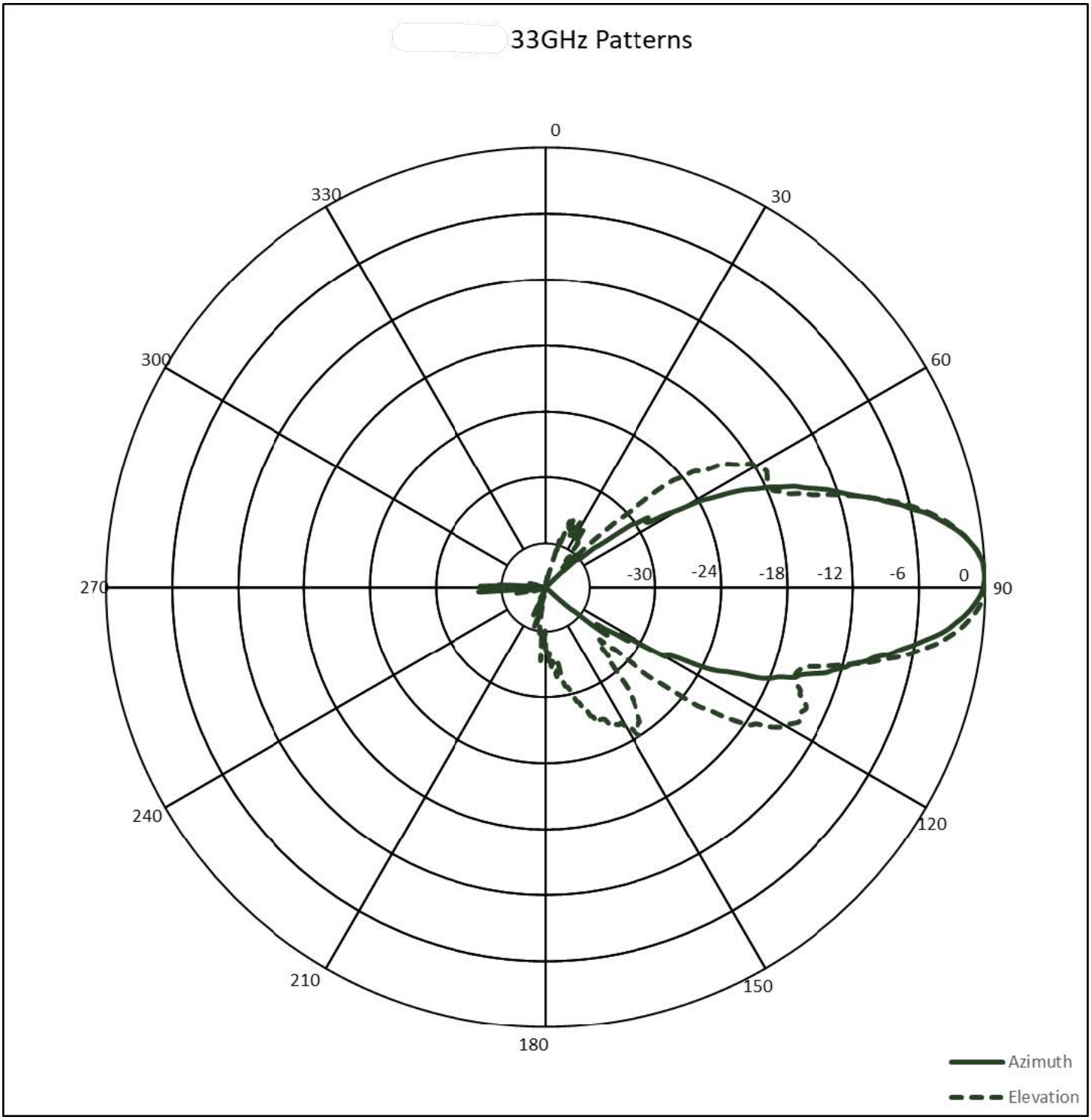

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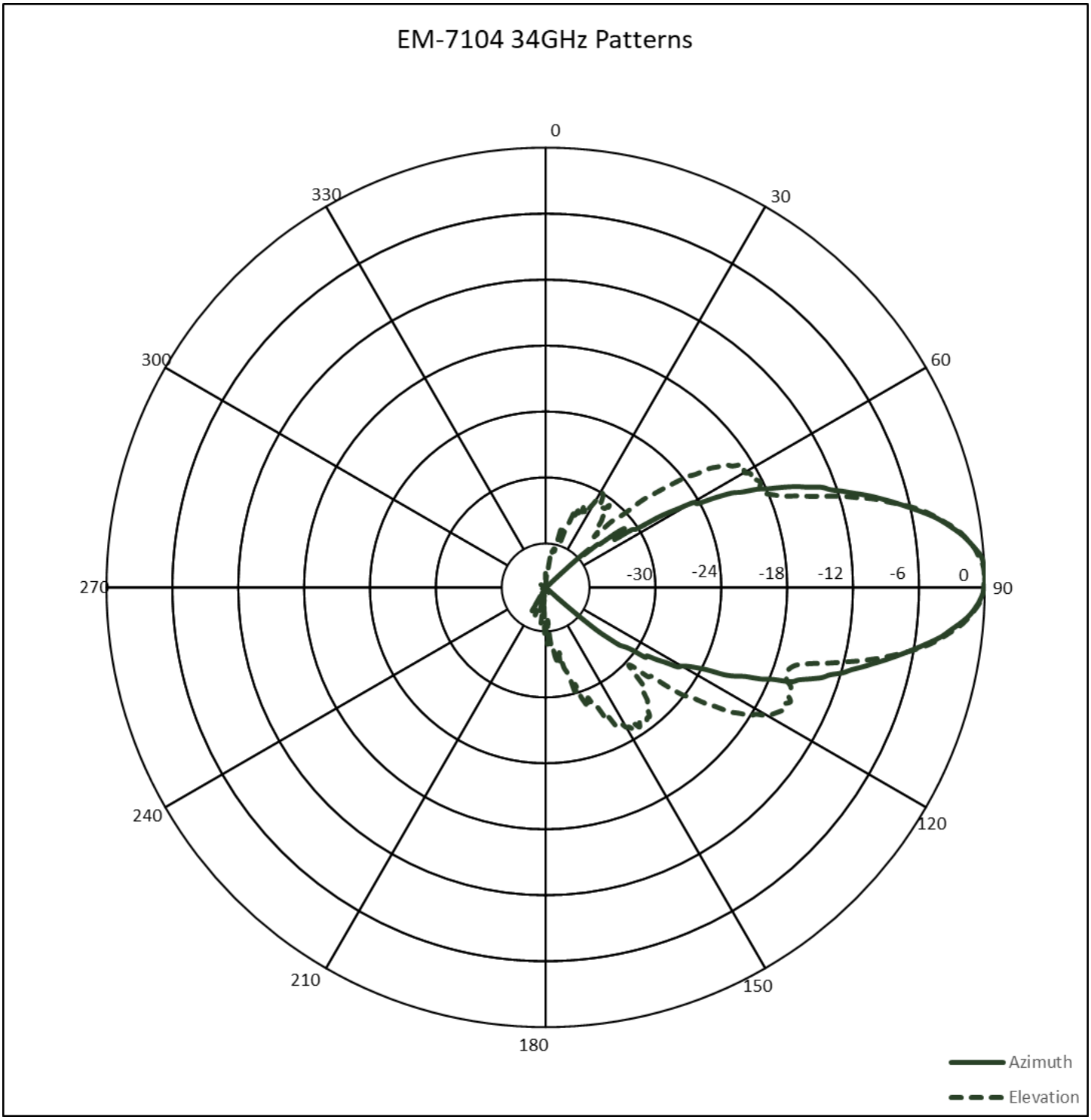

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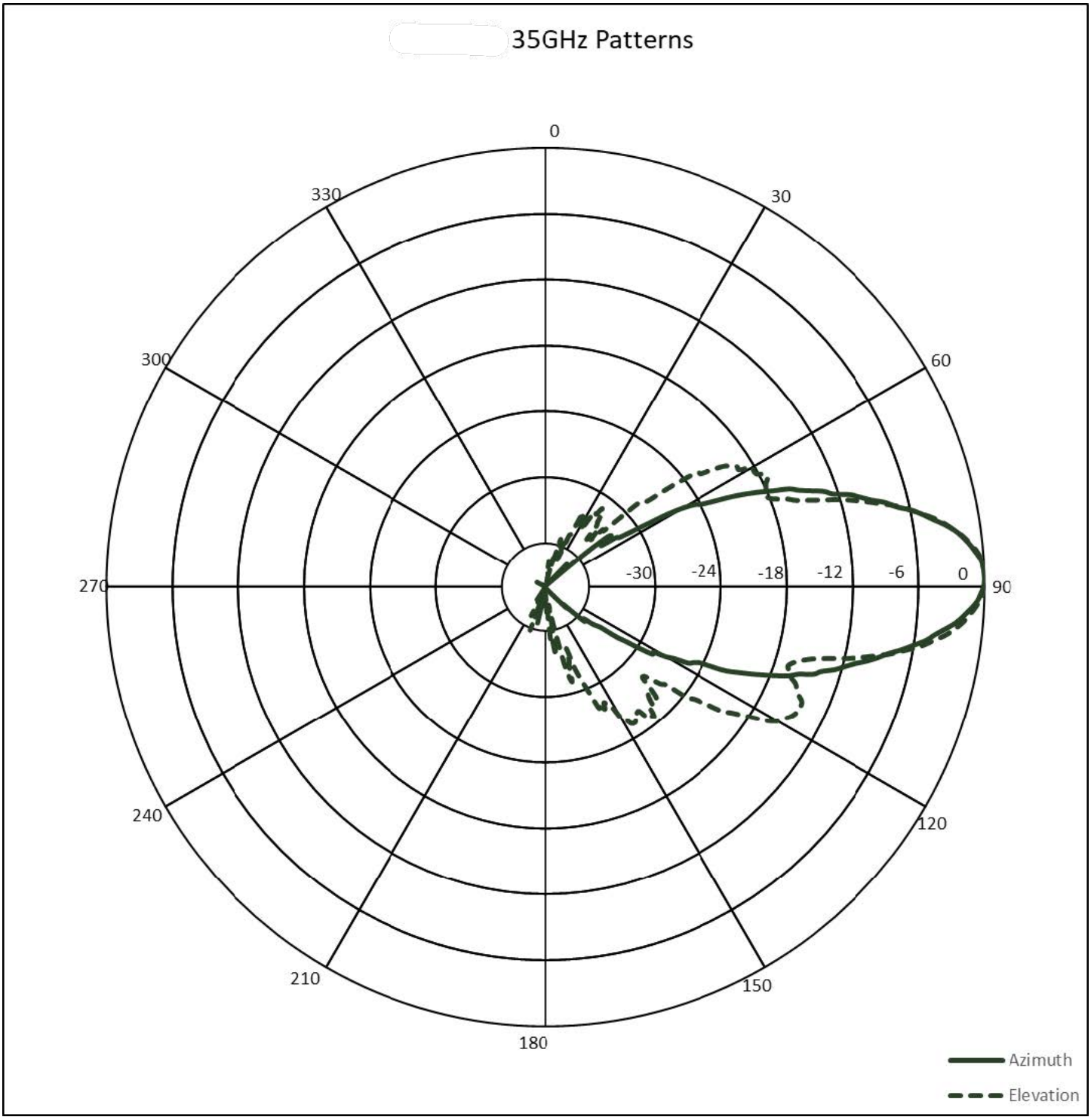

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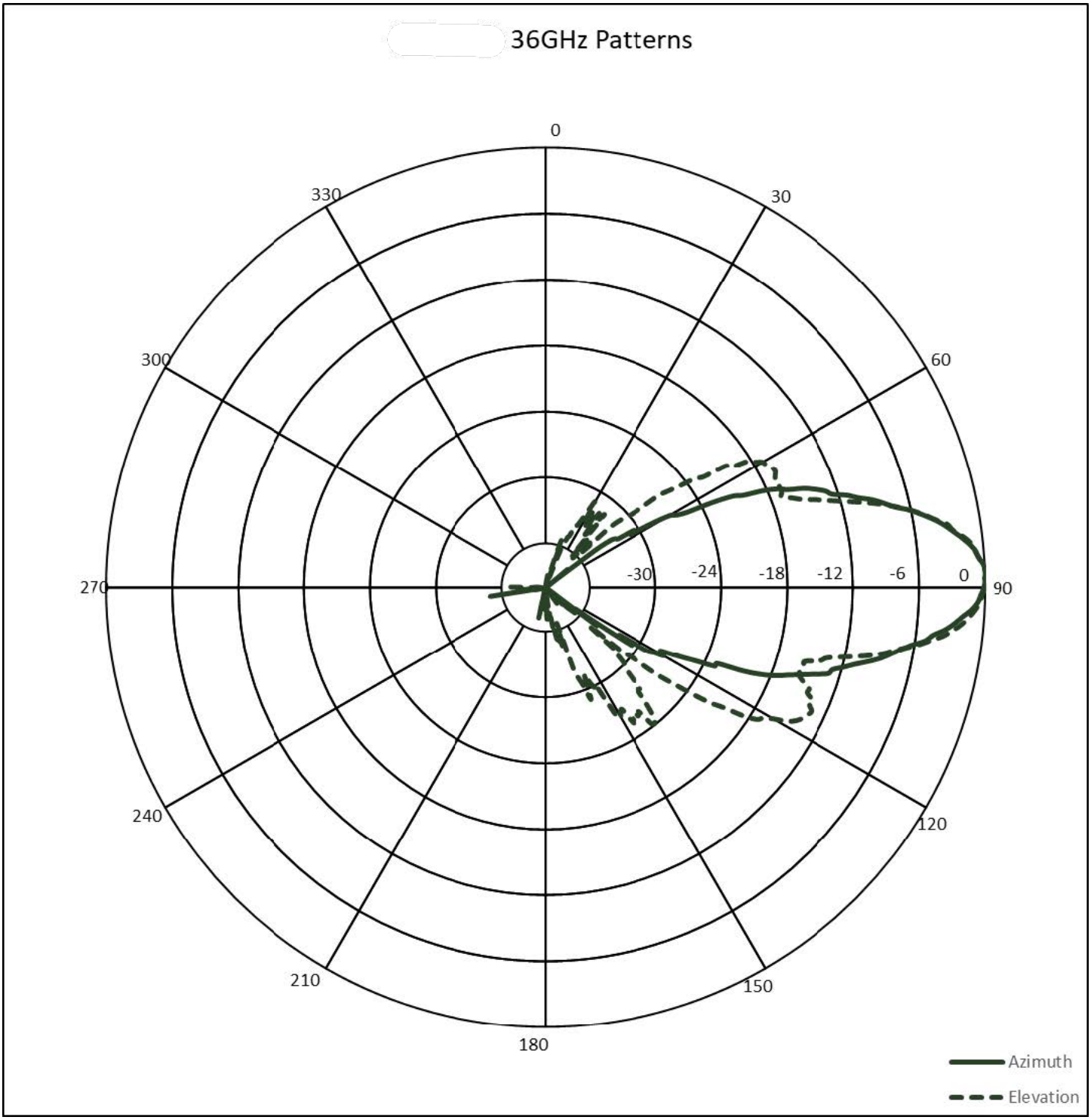

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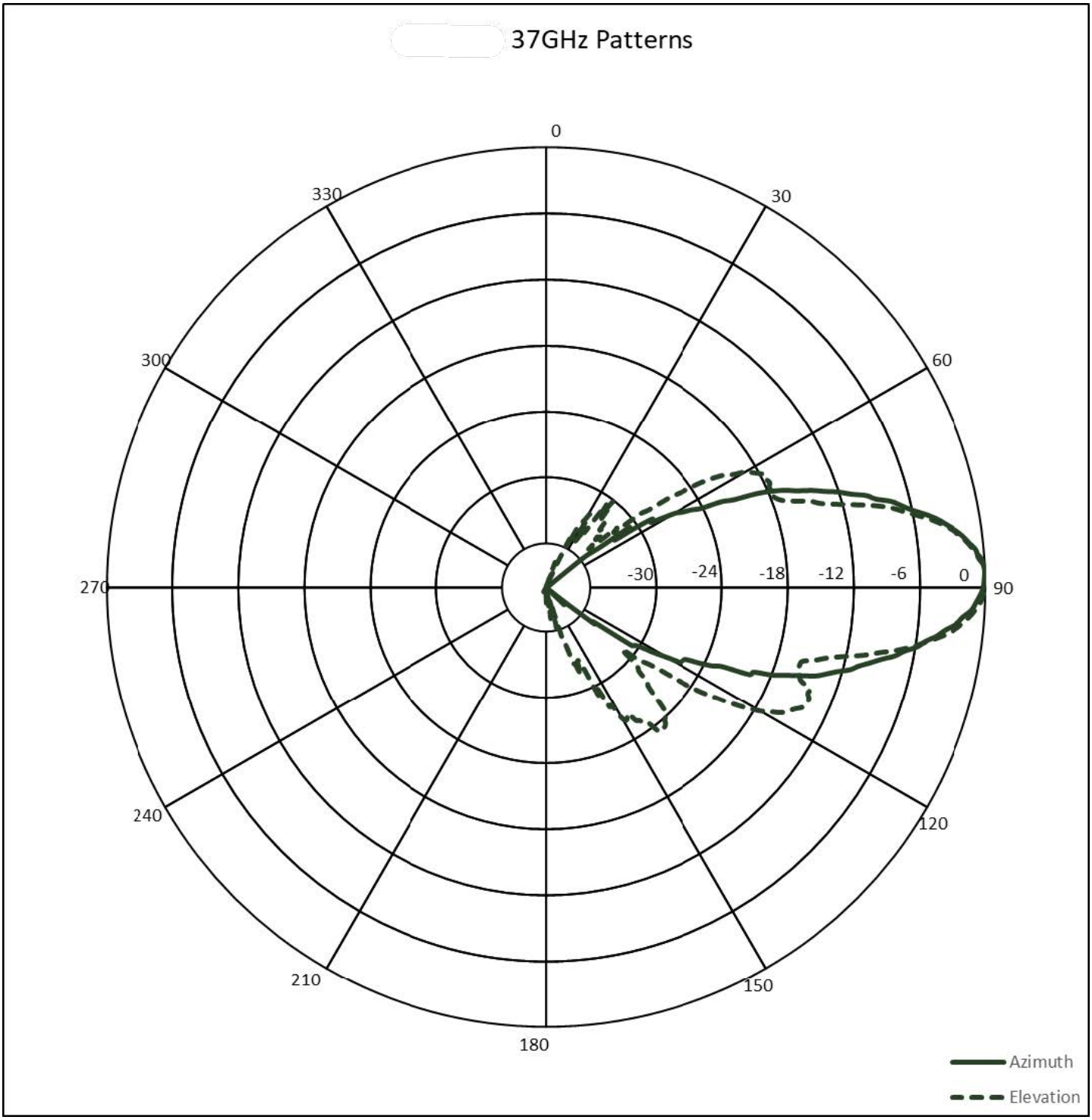

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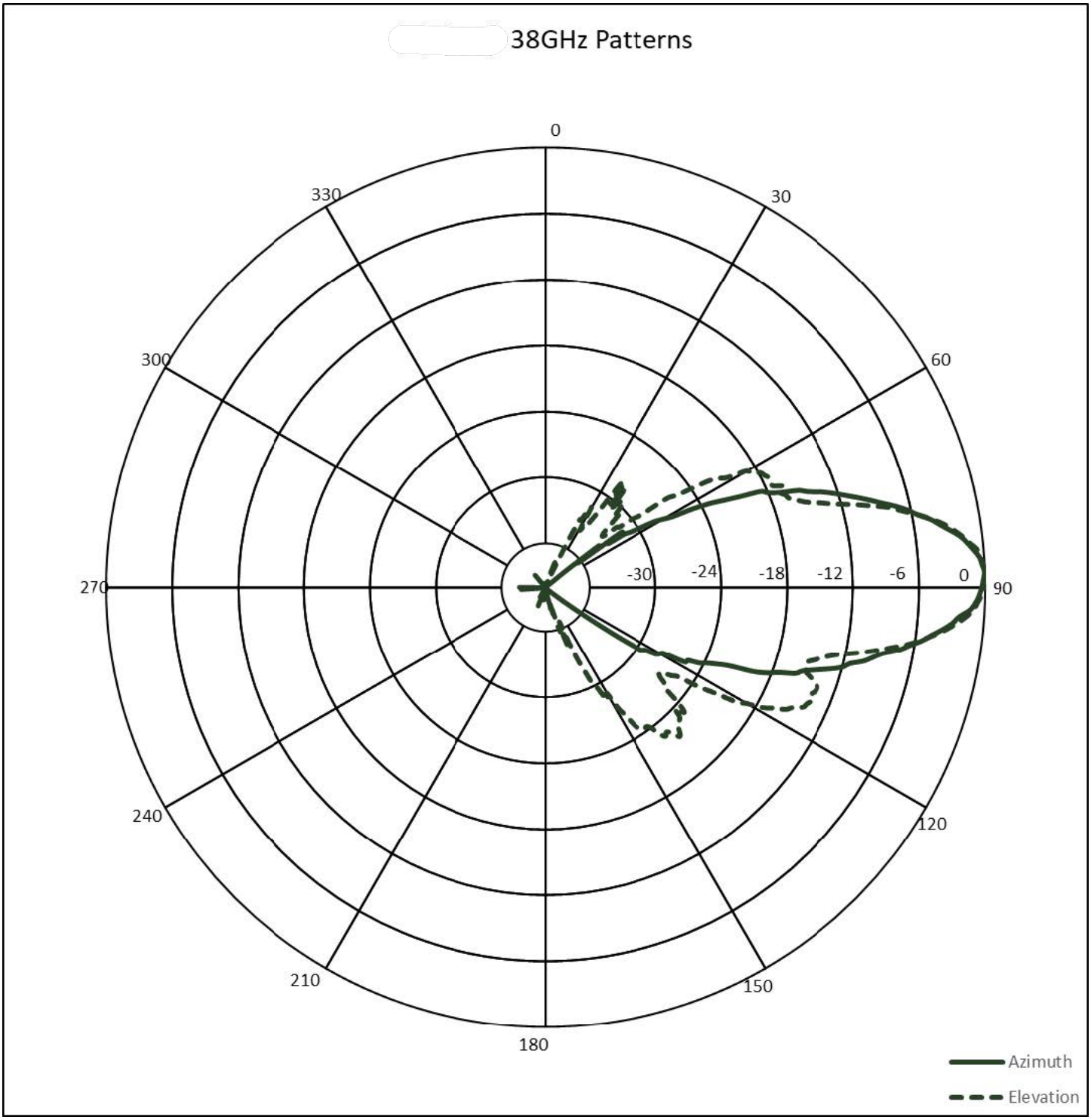

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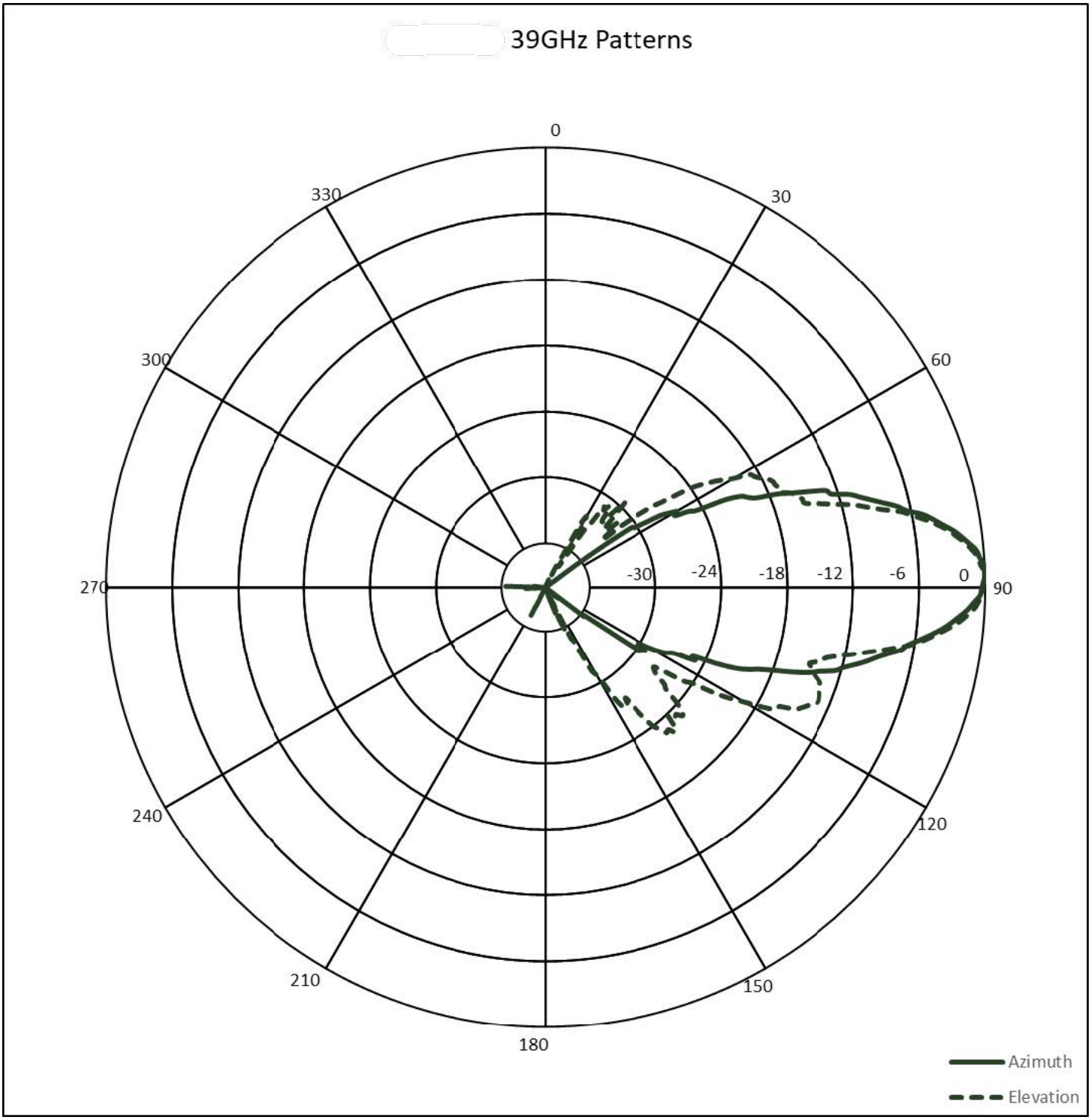

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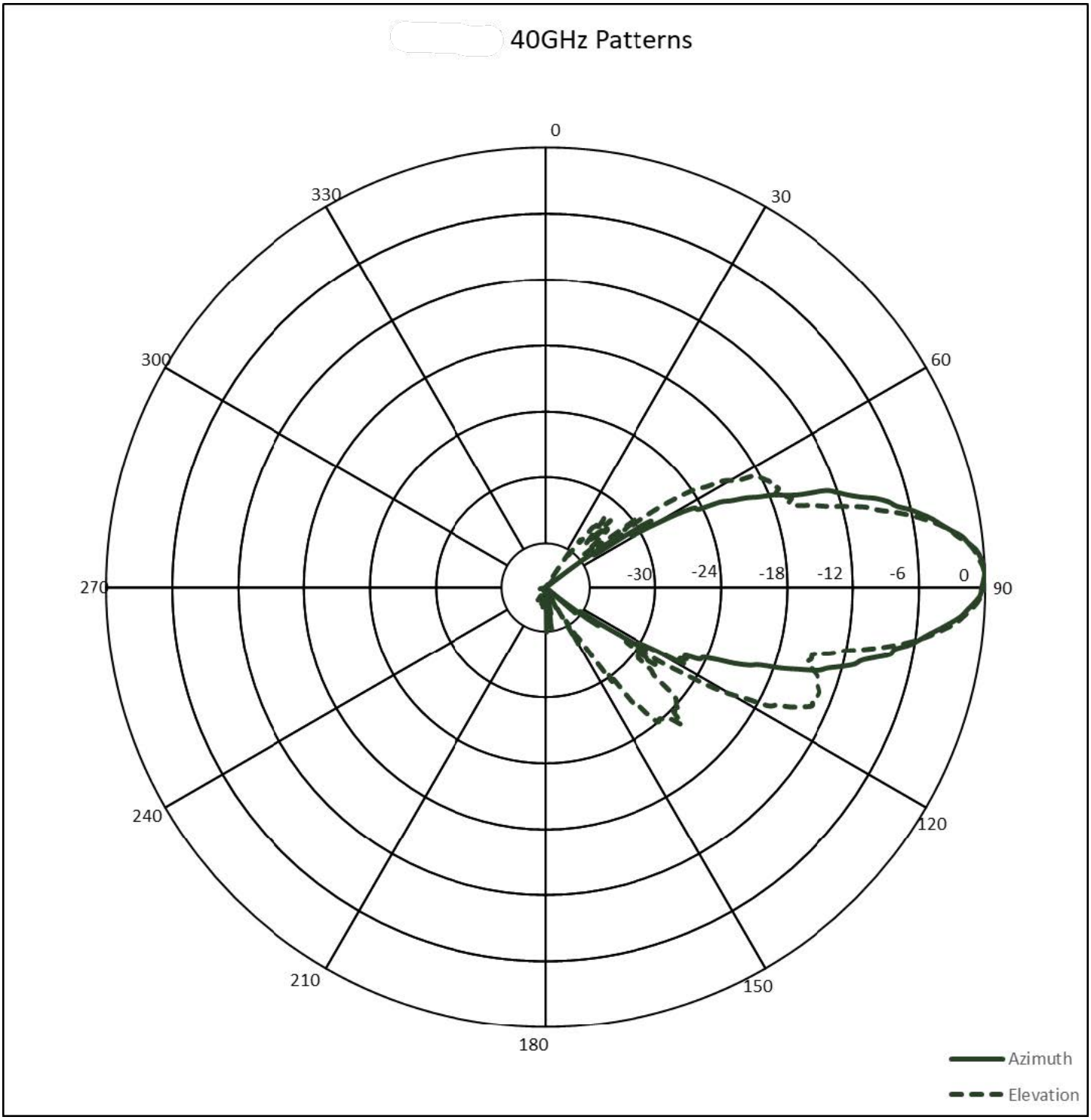

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