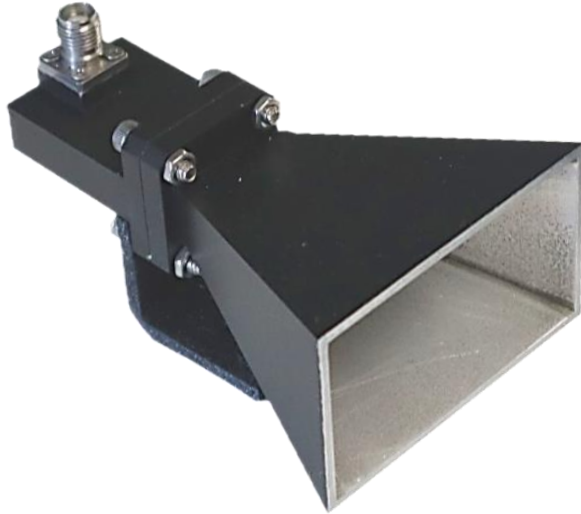




## AA-MWH-1826G-B

Antenna, Standard Gain Horn, Passive, Directional



### Description

The AA-MWH-1826G-B Standard Gain Horn is a WR-42 waveguide based K band antenna featuring high gain and stable beamwidth across its frequency range.

The AA-MWH-1826G-B is based on the standard WR-42 waveguide and features a detachable UG595/U flange mount which allows for the horn flare and coax-to-waveguide adapter to be used separately.

Each AA-MWH-1826G-B comes standard with NIST Traceable 1m gain and antenna factor calibration data.

### Specifications Electrical

**Frequency Range:** 18GHz – 26.5GHz

**Polarization:** Linear, Vertical

**VSWR:** >1.3:1 Typical

**3dB Beamwidth:** 24° - 11° Typical Azimuth  
27° - 16° Typical Elevation

**Impedance:** 50Ω, Nominal

**Gain:** 15-18dBi Nominal

**Connector:** SMA (18GHz-26.5GHz)

**Waveguide:** WR42

### Mechanical

#### Dimensions:

Length: 7.7cm (3.03 in.)

Width: 5.2cm (2.05 in.)

Height: 3.2cm (1.26 in.)

Weight: 60g (0.13 lbs.)

#### Mounting Option Available:

WR-42 15-20dBi Gain Horn Flare

#### Color Options:

- Black (default)
- Custom colors available upon request

#### Advanced Antennas

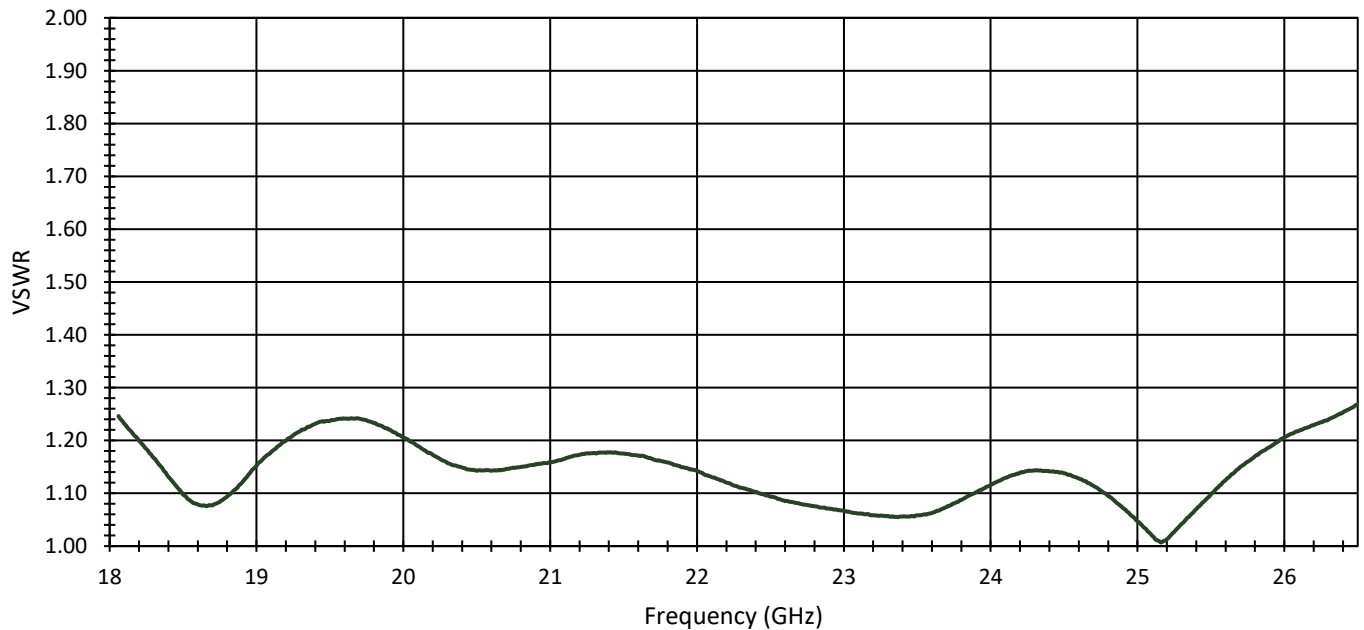
10401 Roselle Street  
San Diego, CA. 92121

Phone: (800) 404-2832

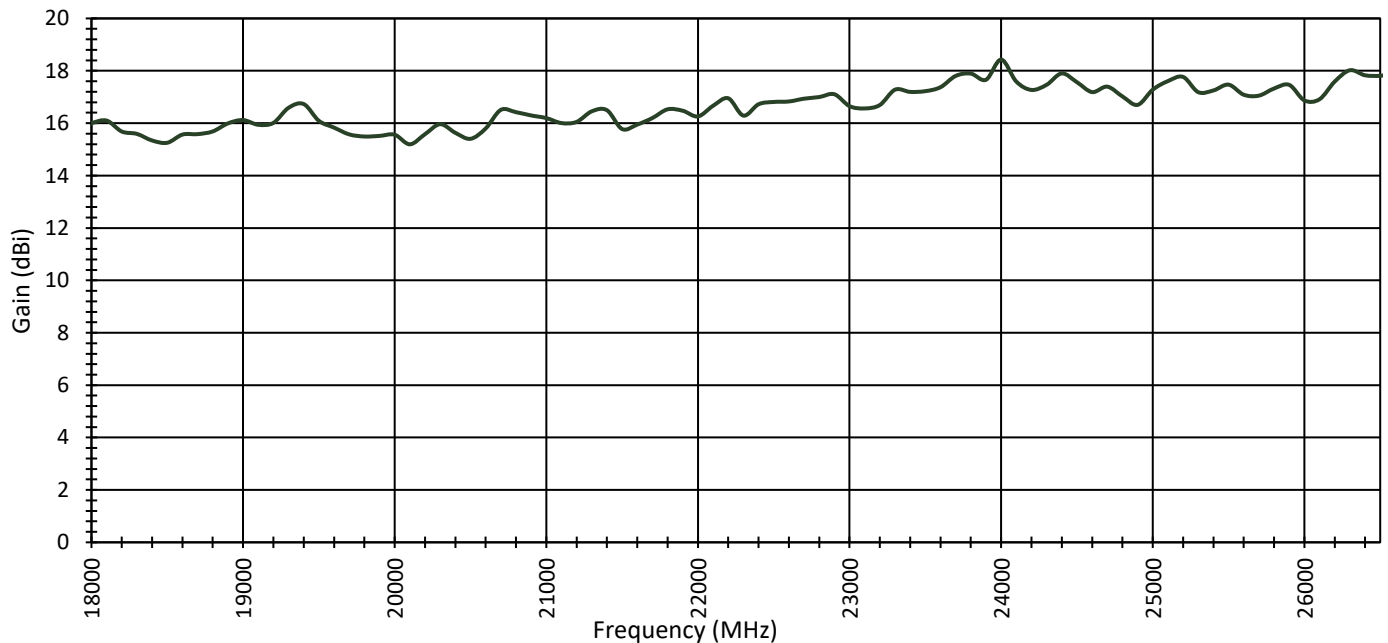
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AA-MWH-1826G-B Typical VSWR



AA-MWH-1826G-B Typical Max\* Gain (dBi)



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

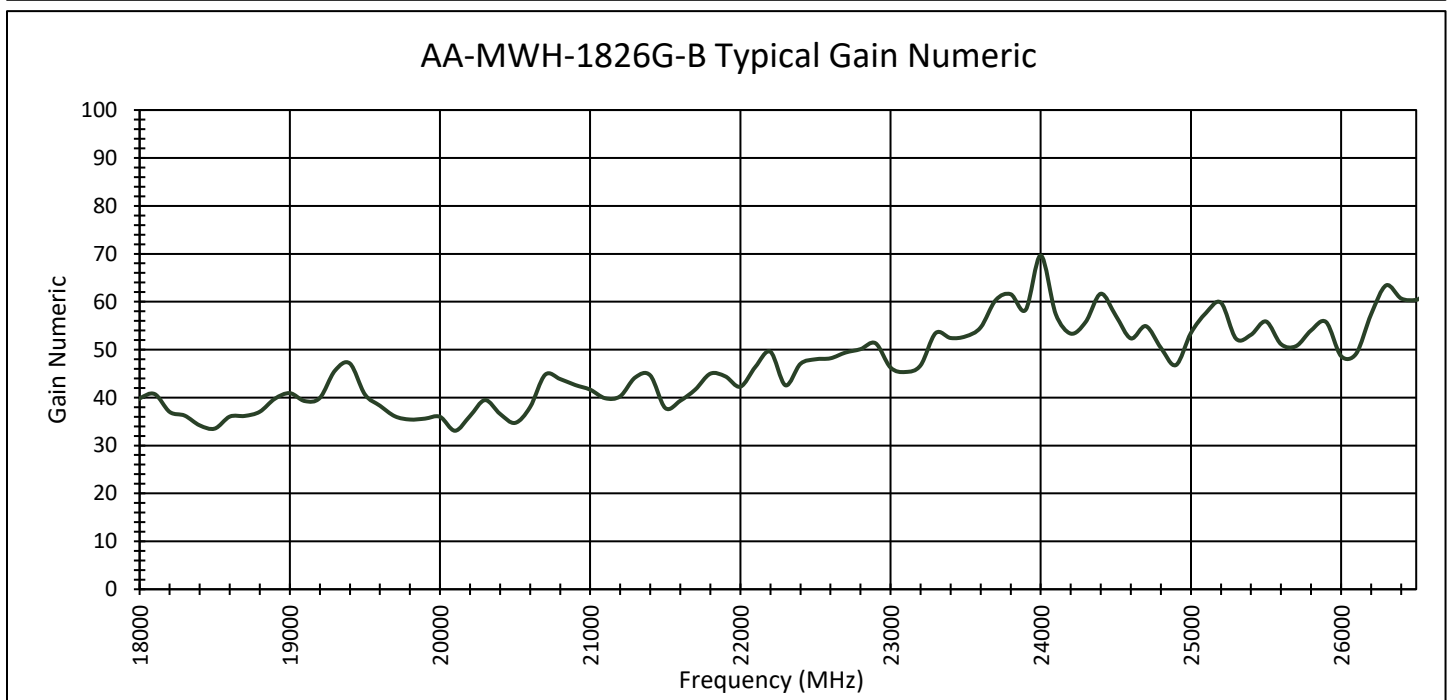
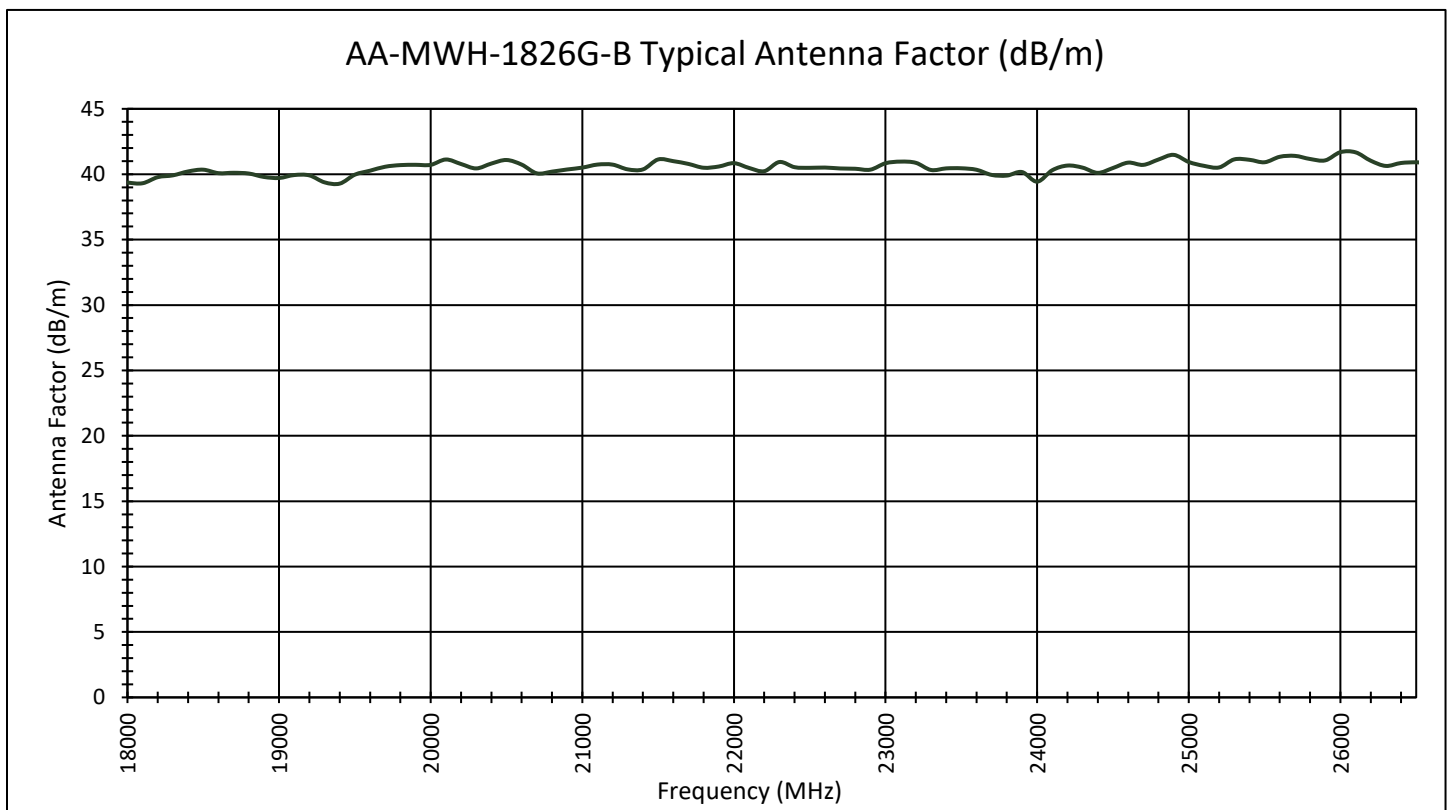
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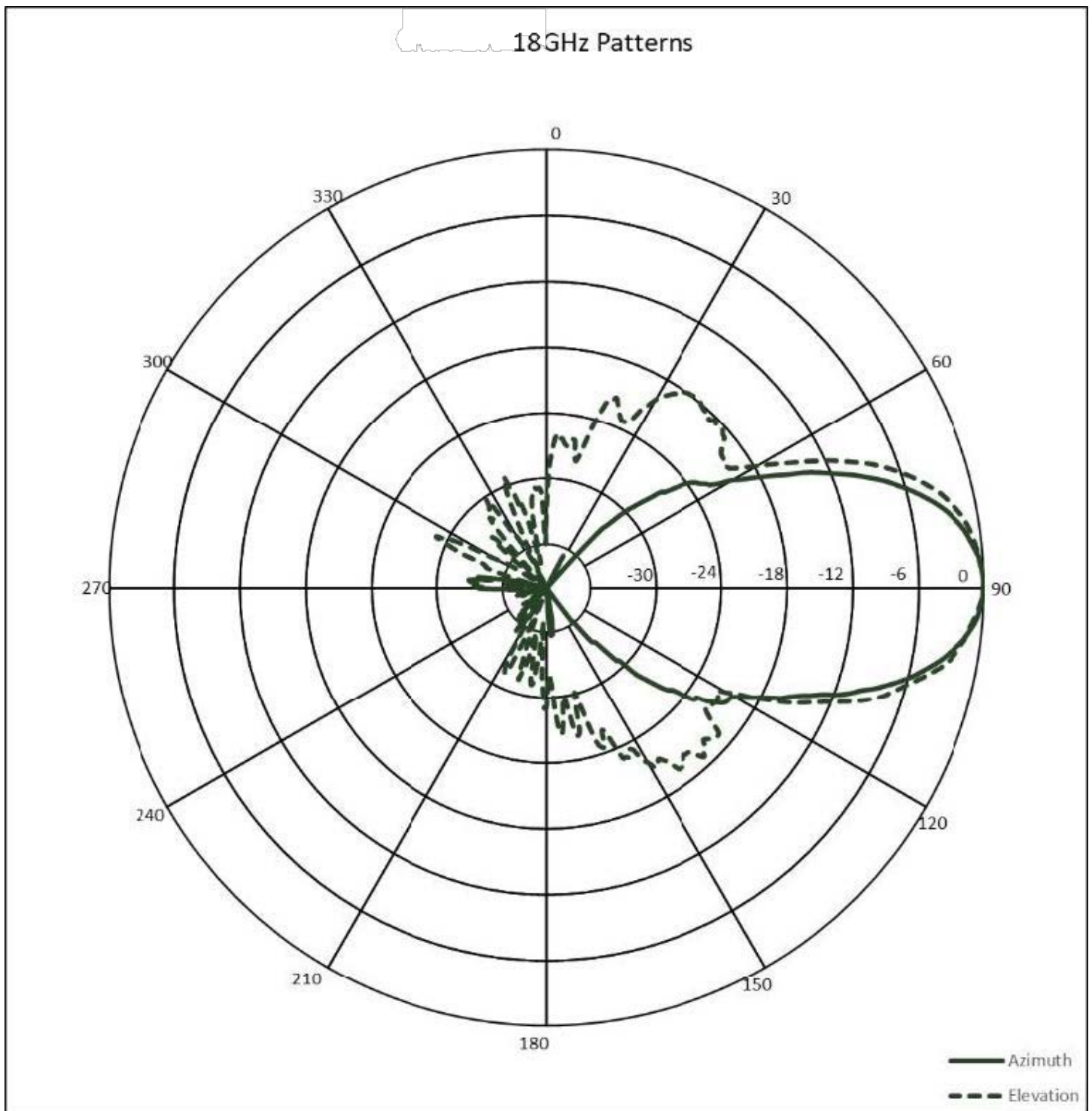
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Scale: 6dB/Division.

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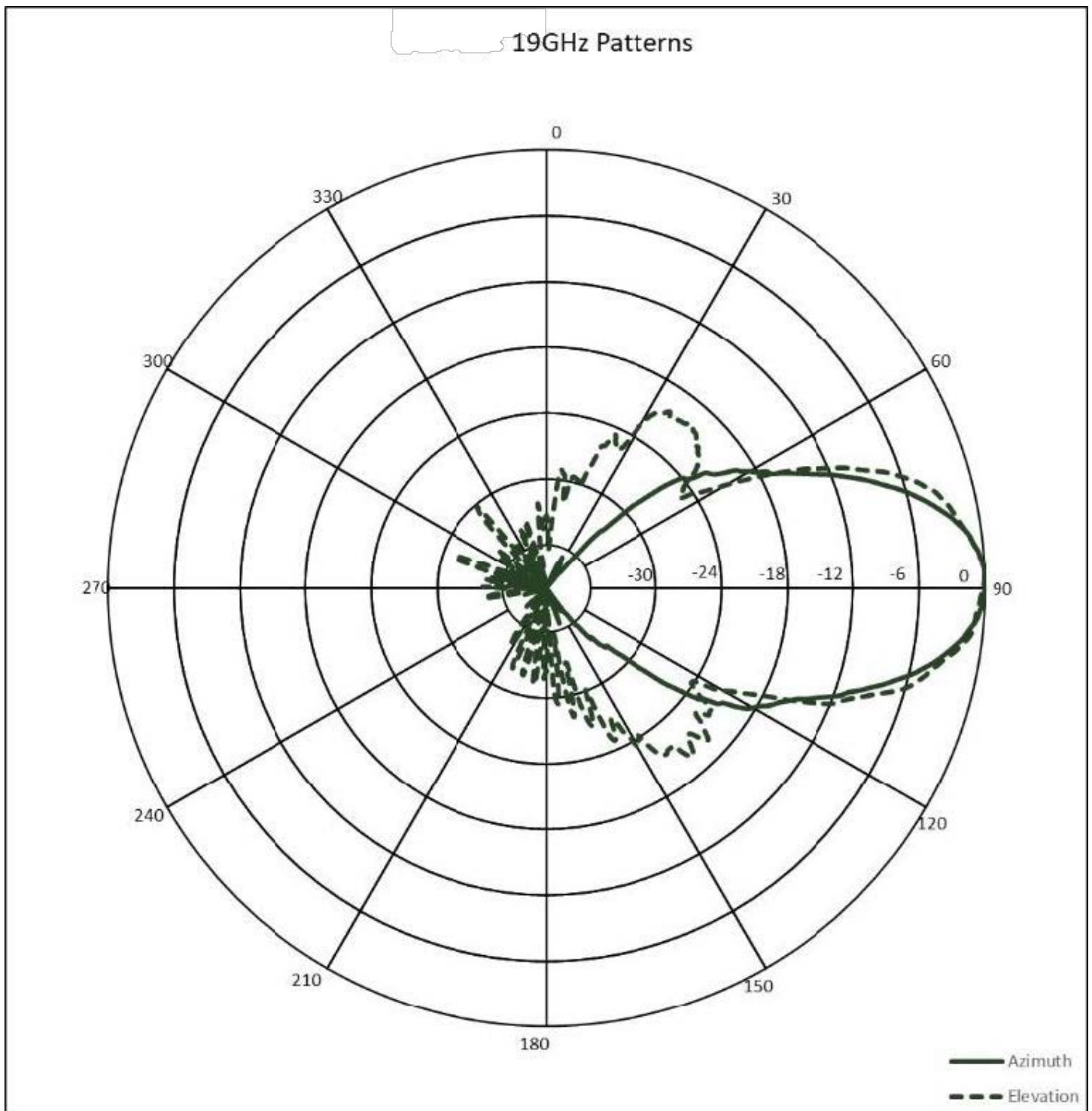
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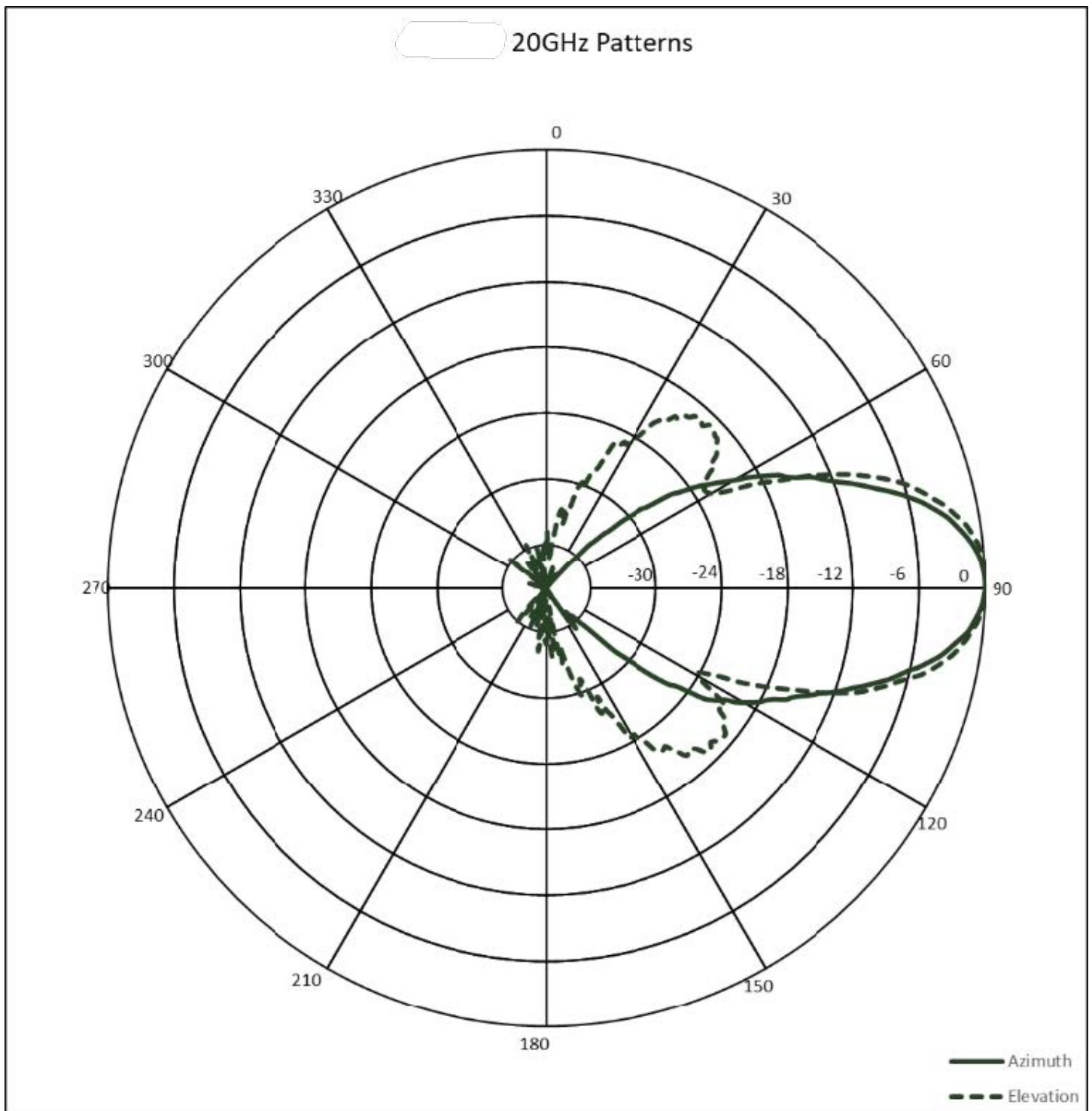
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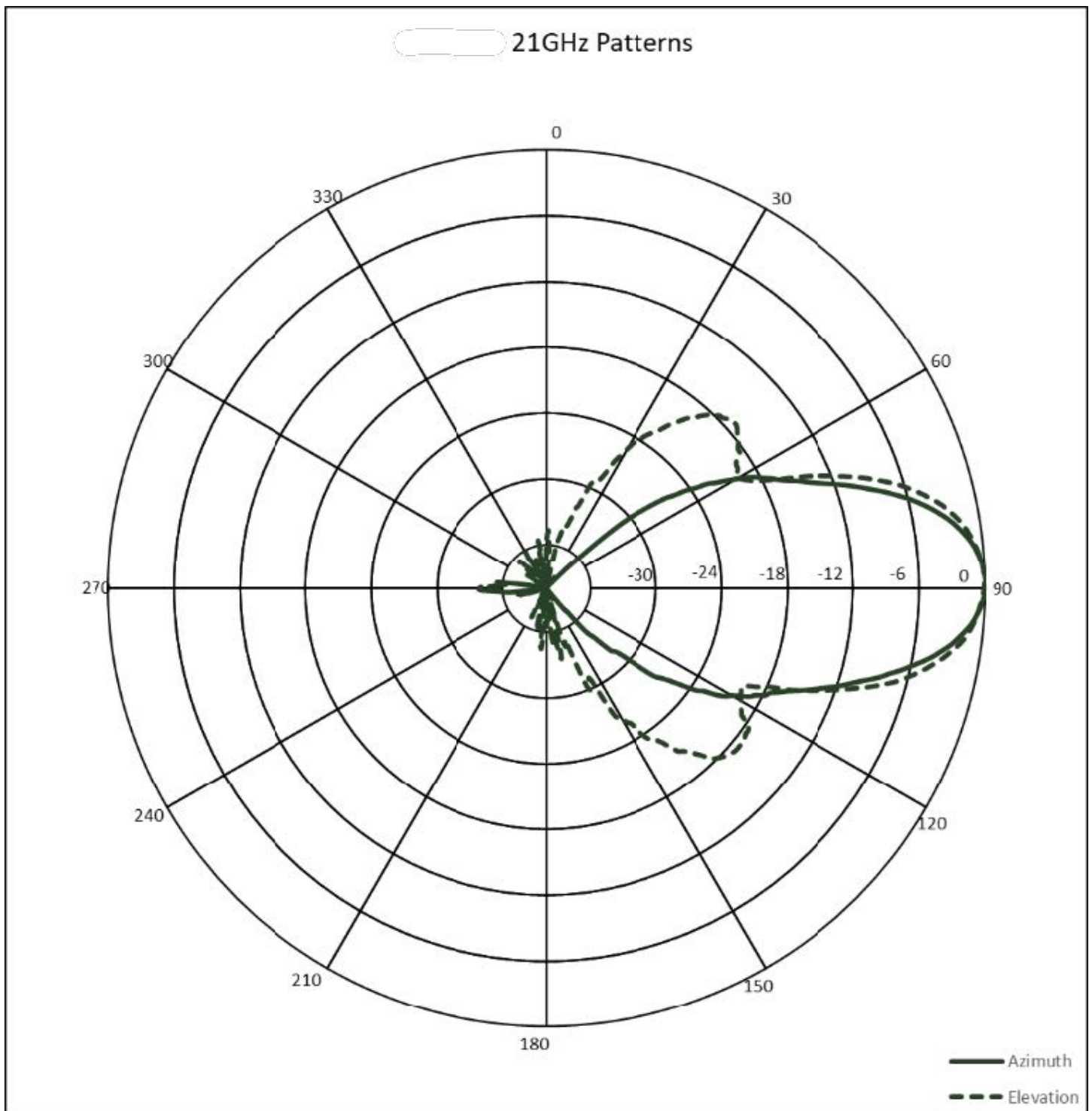
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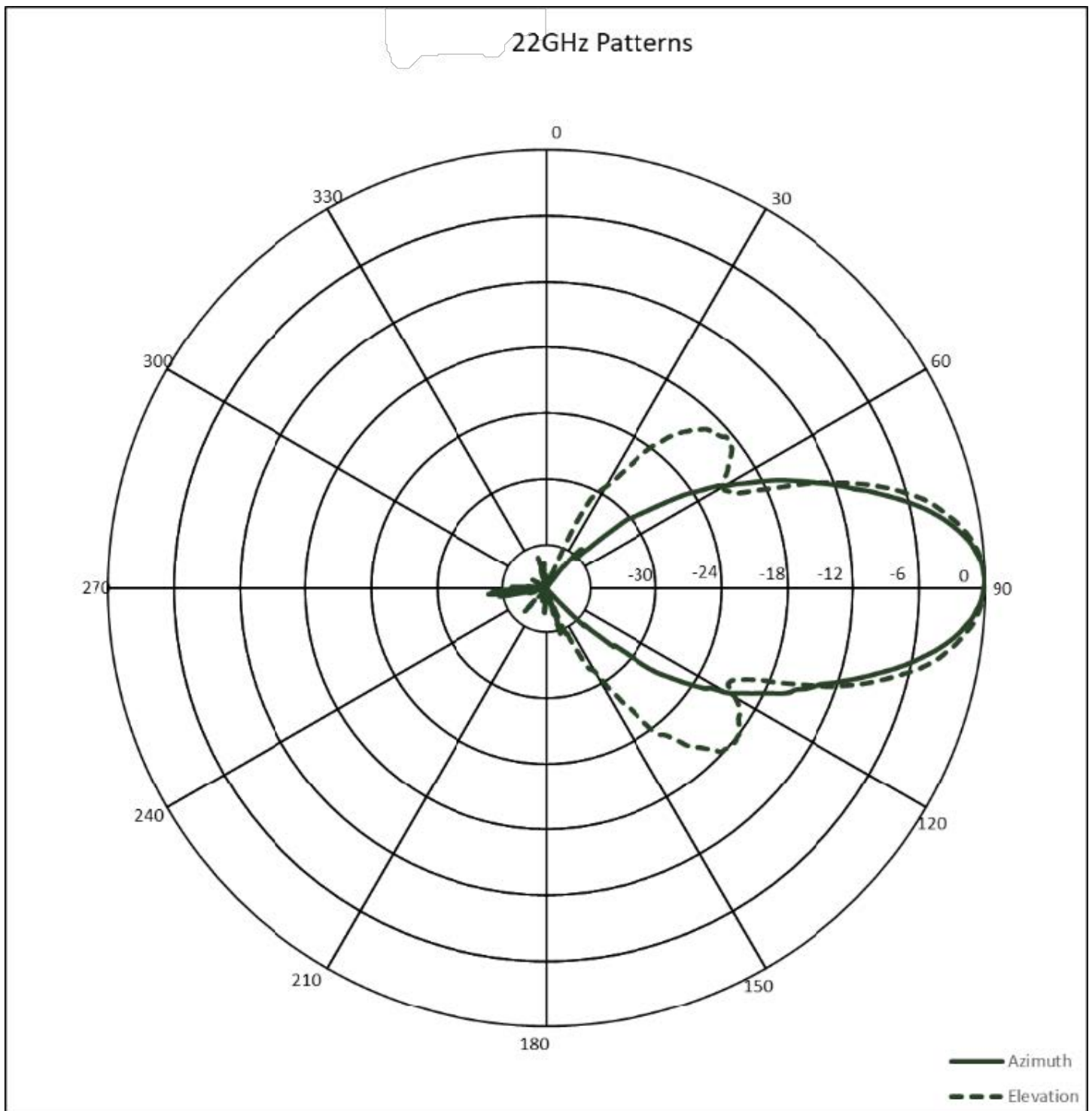
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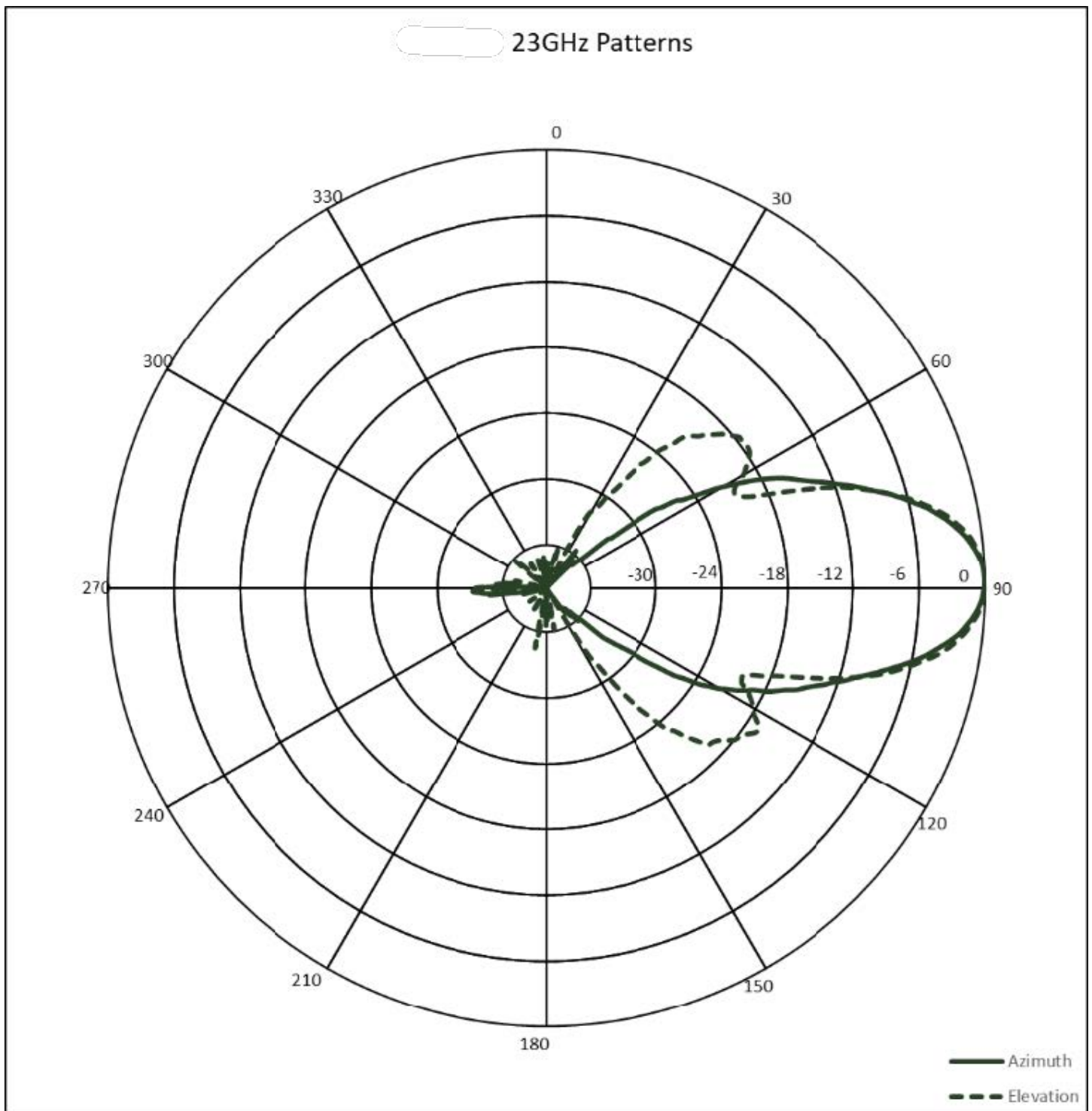
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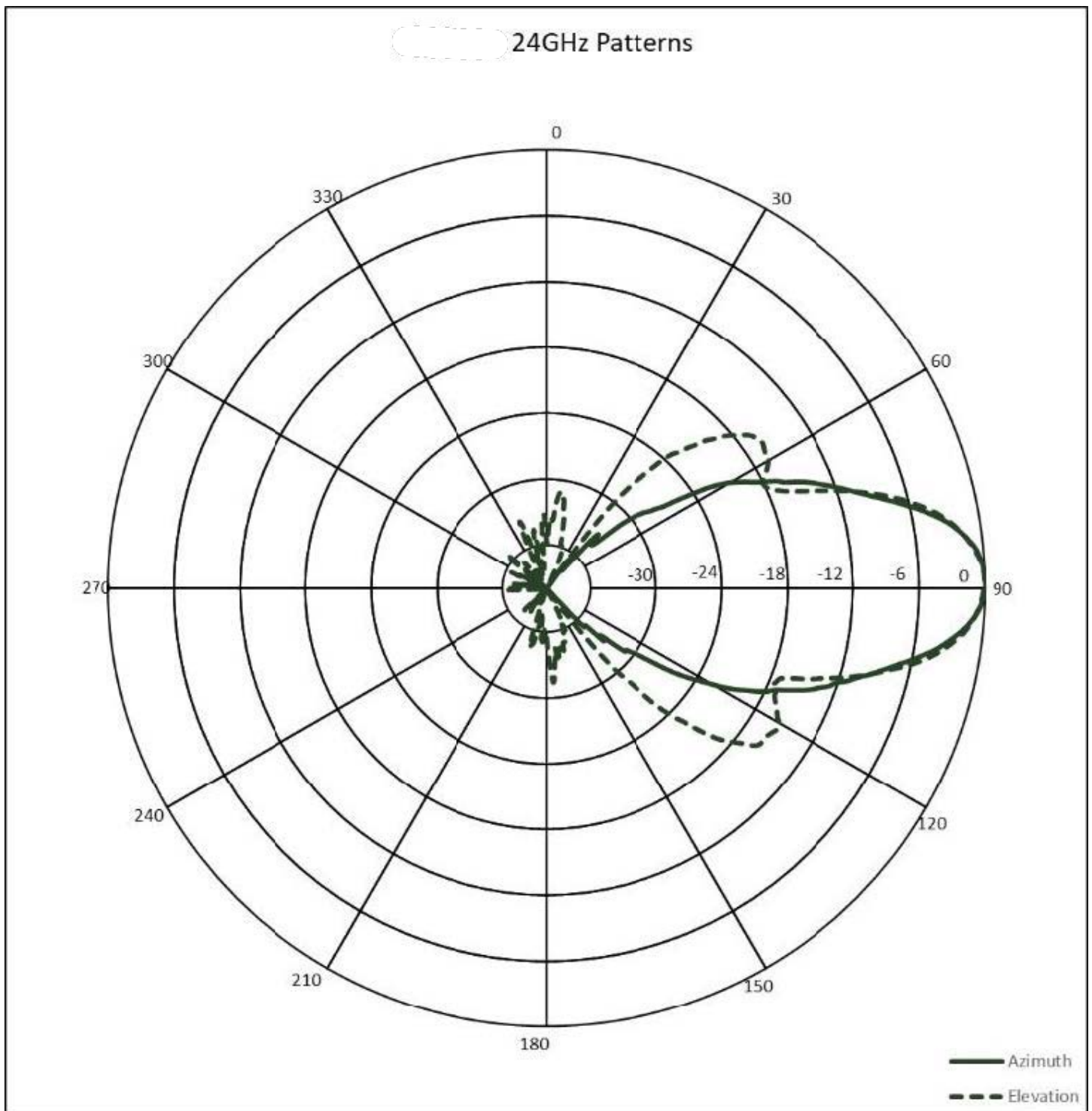
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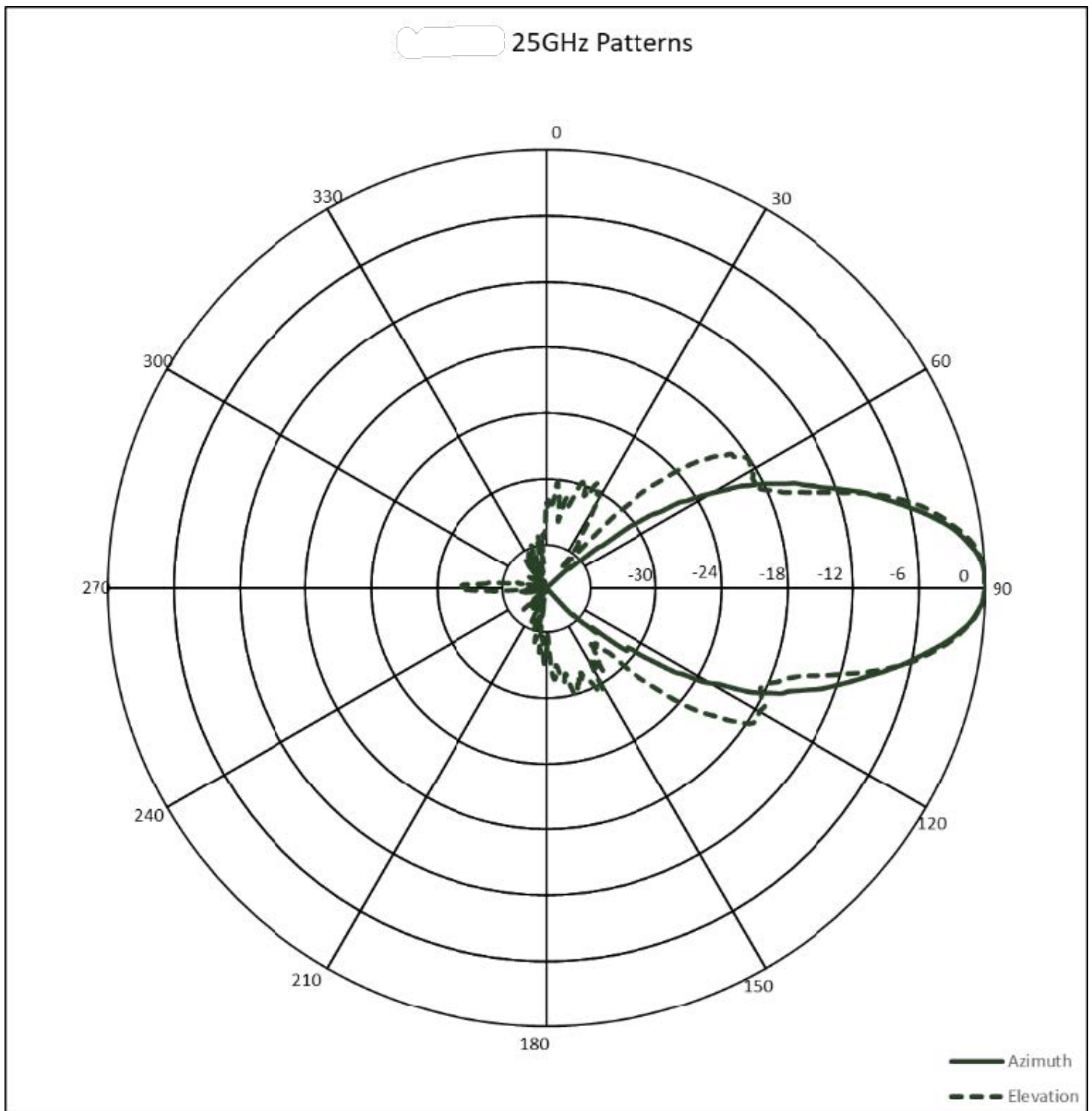
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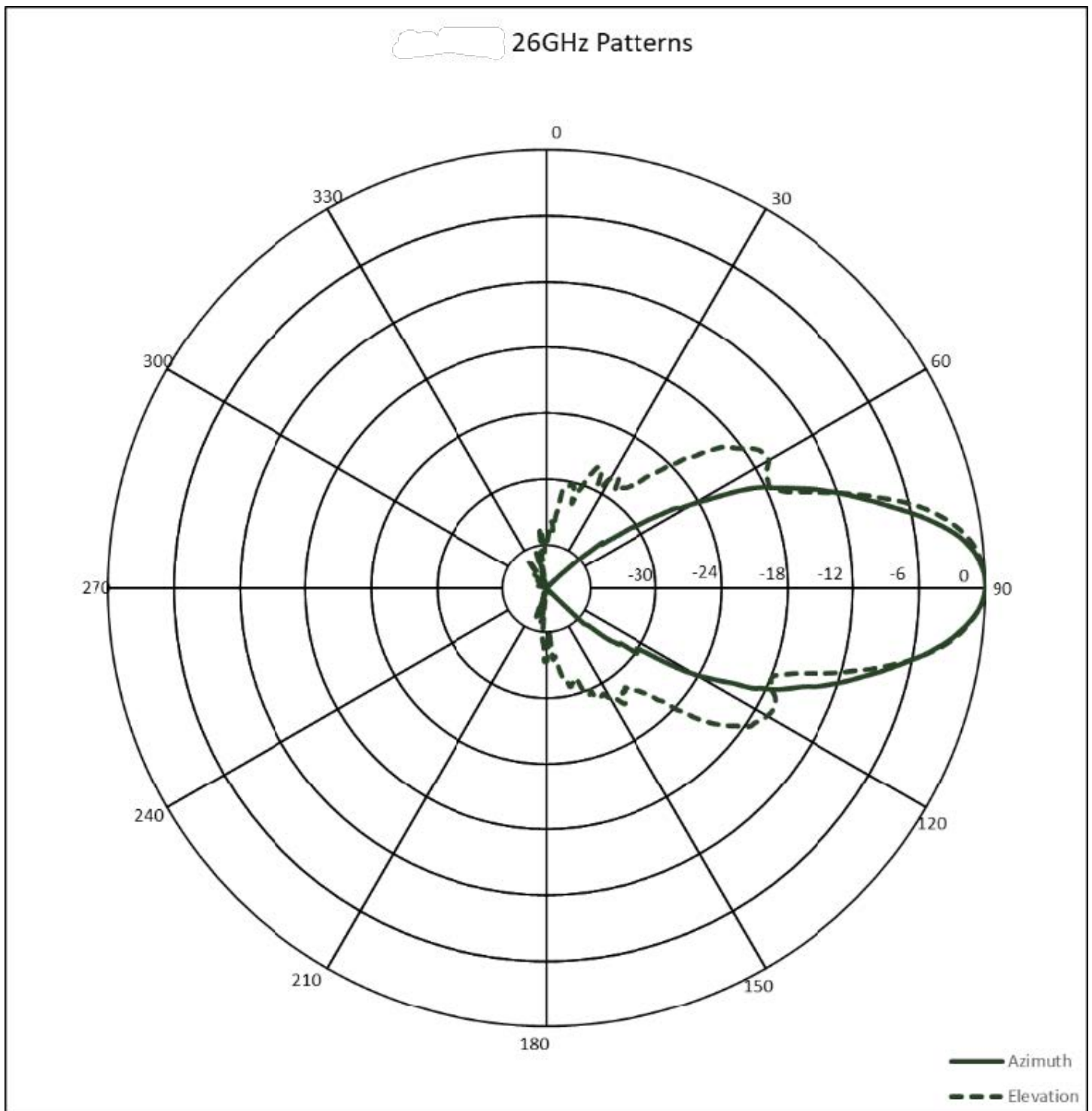
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