

# RADIATION PATTERNS OF THE SAF5350-C

## TECHNICAL NOTE

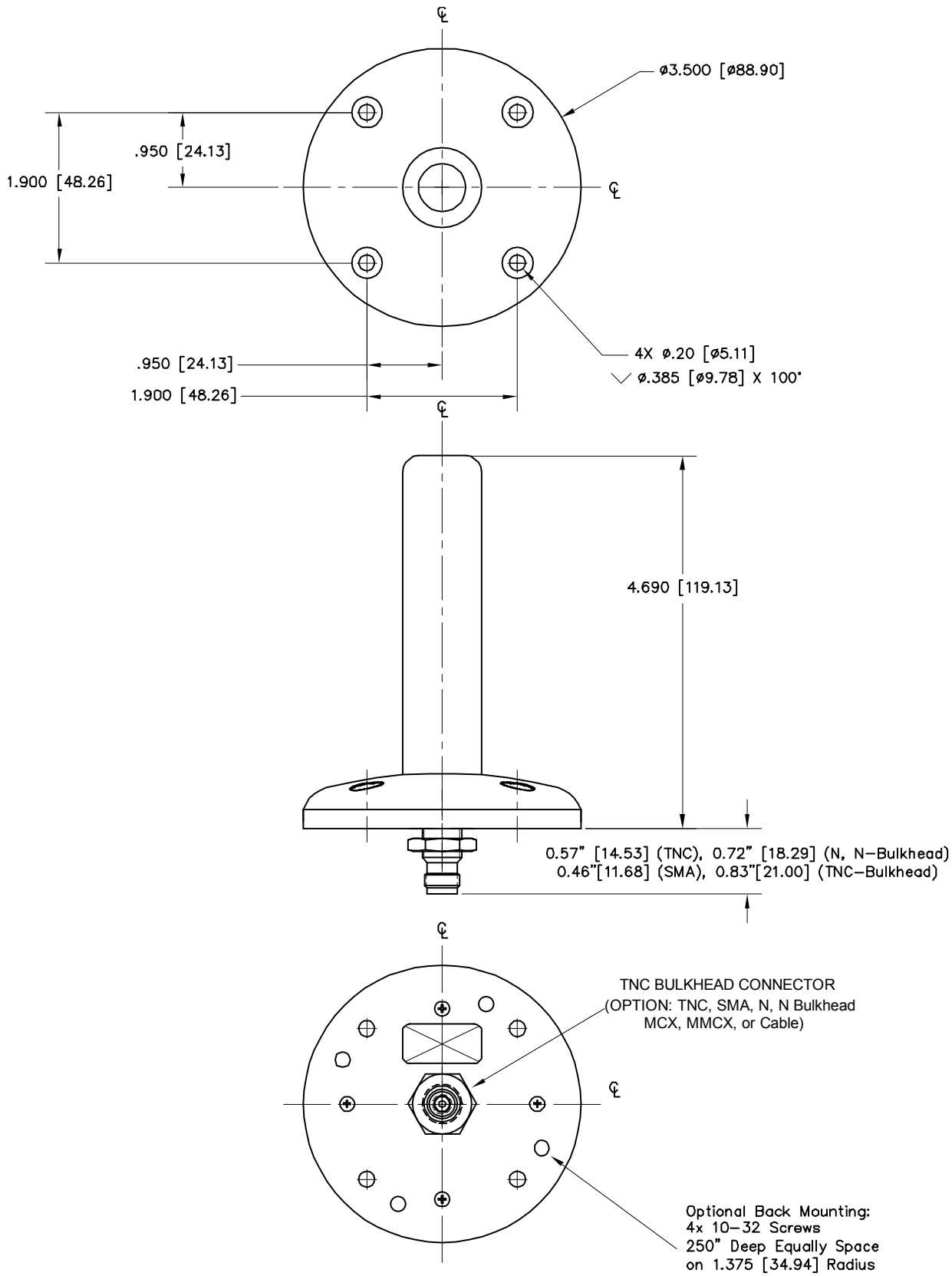
May 2, 2005



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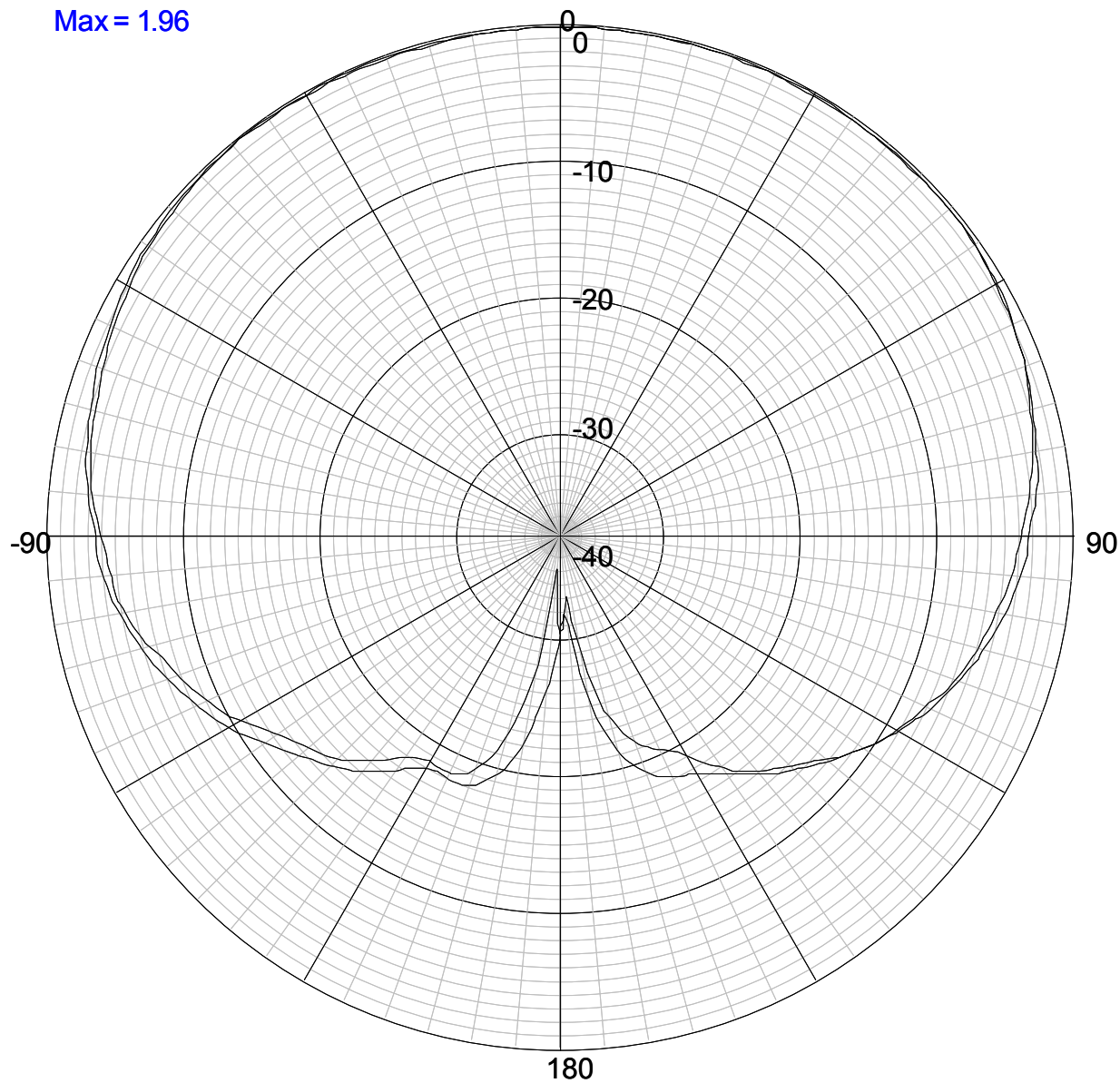
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NOTE: All dimensions are in inches [mm]



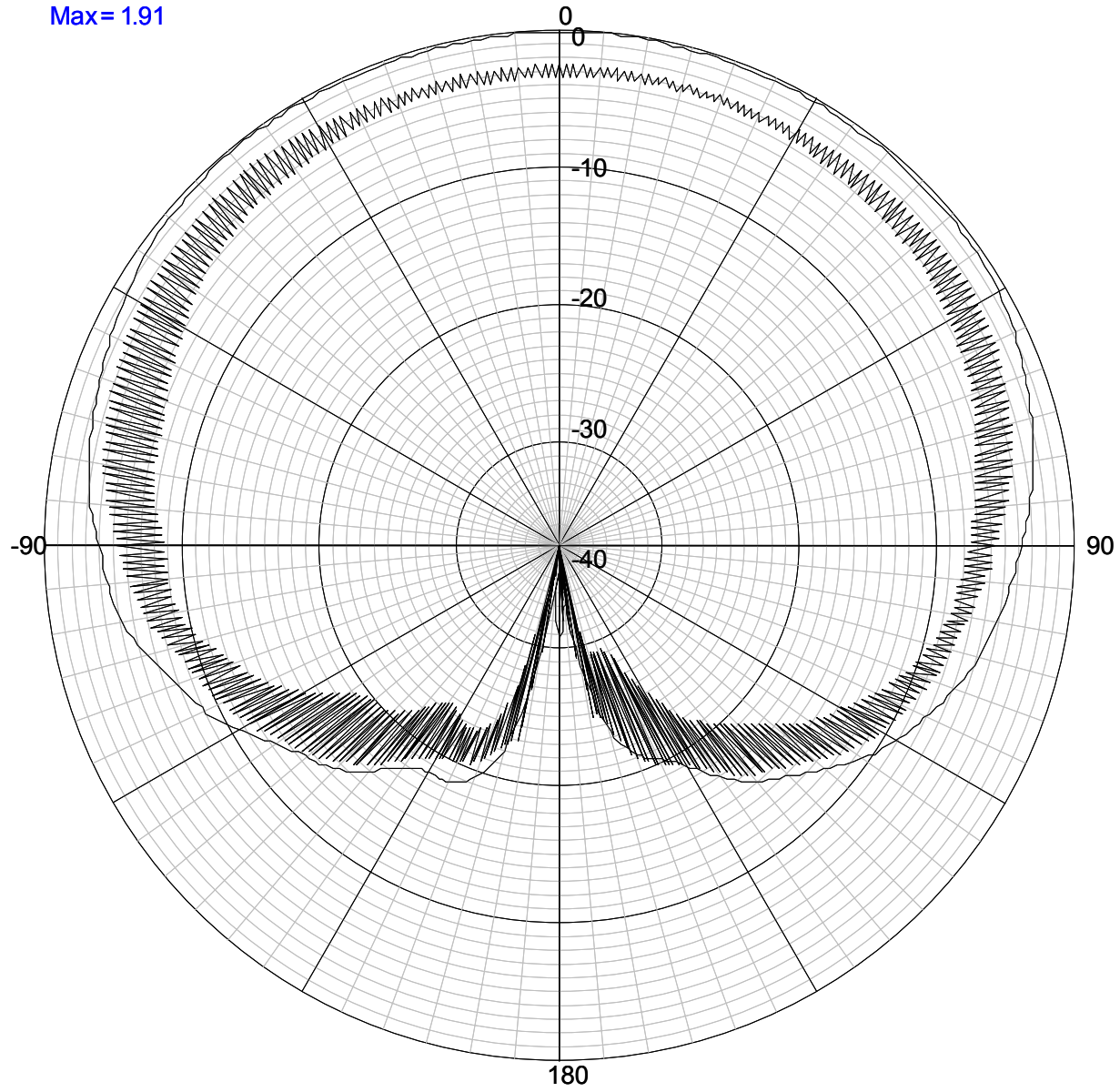
# E & H-Elevation Gain Cuts in Free Space

Max = 1.96



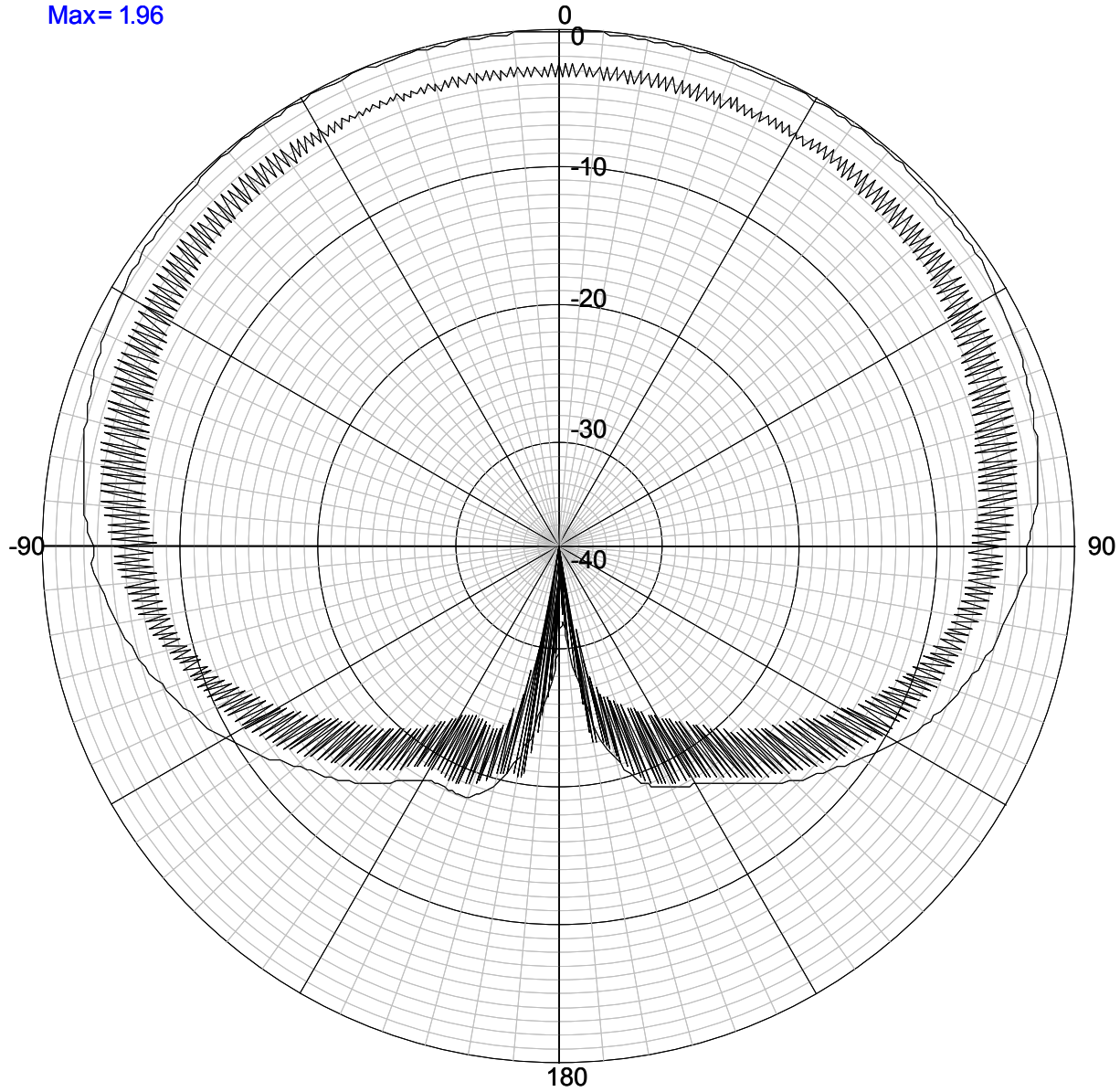
# Rotating Linear (E-Cut)

Max= 1.91



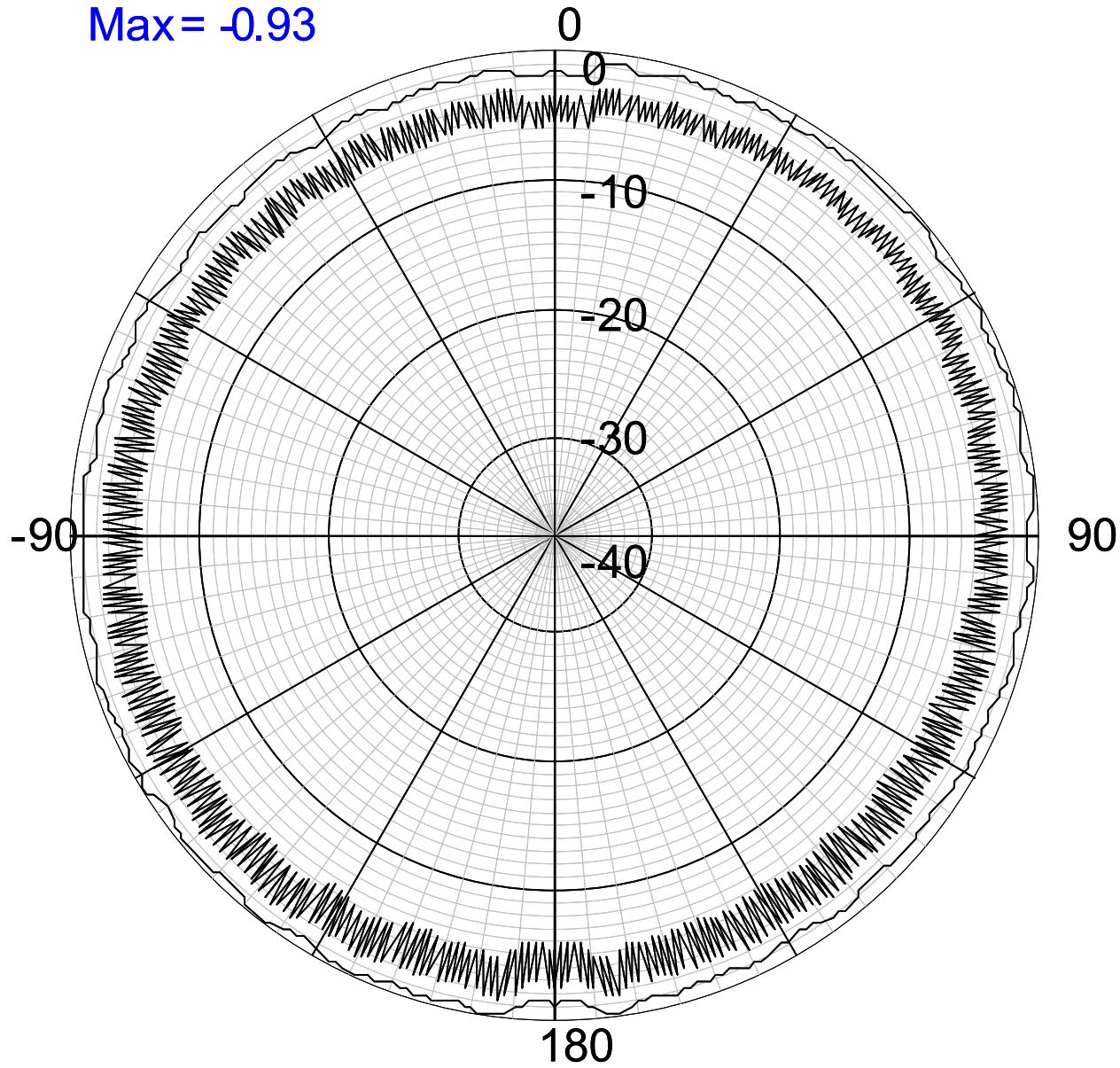
# Rotating Linear (H-Cut)

Max= 1.96



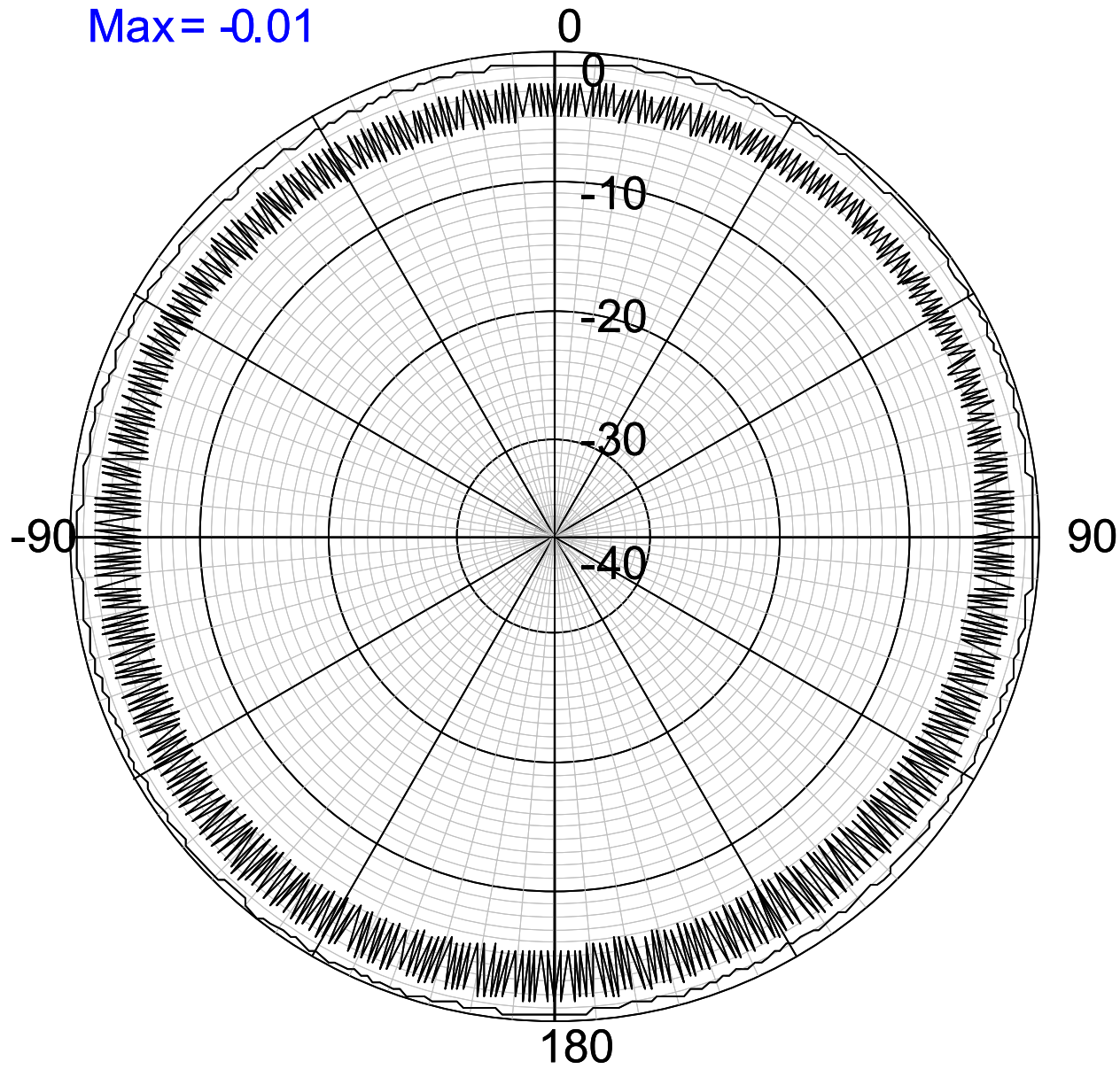
EI = 0 deg

Max = -0.93



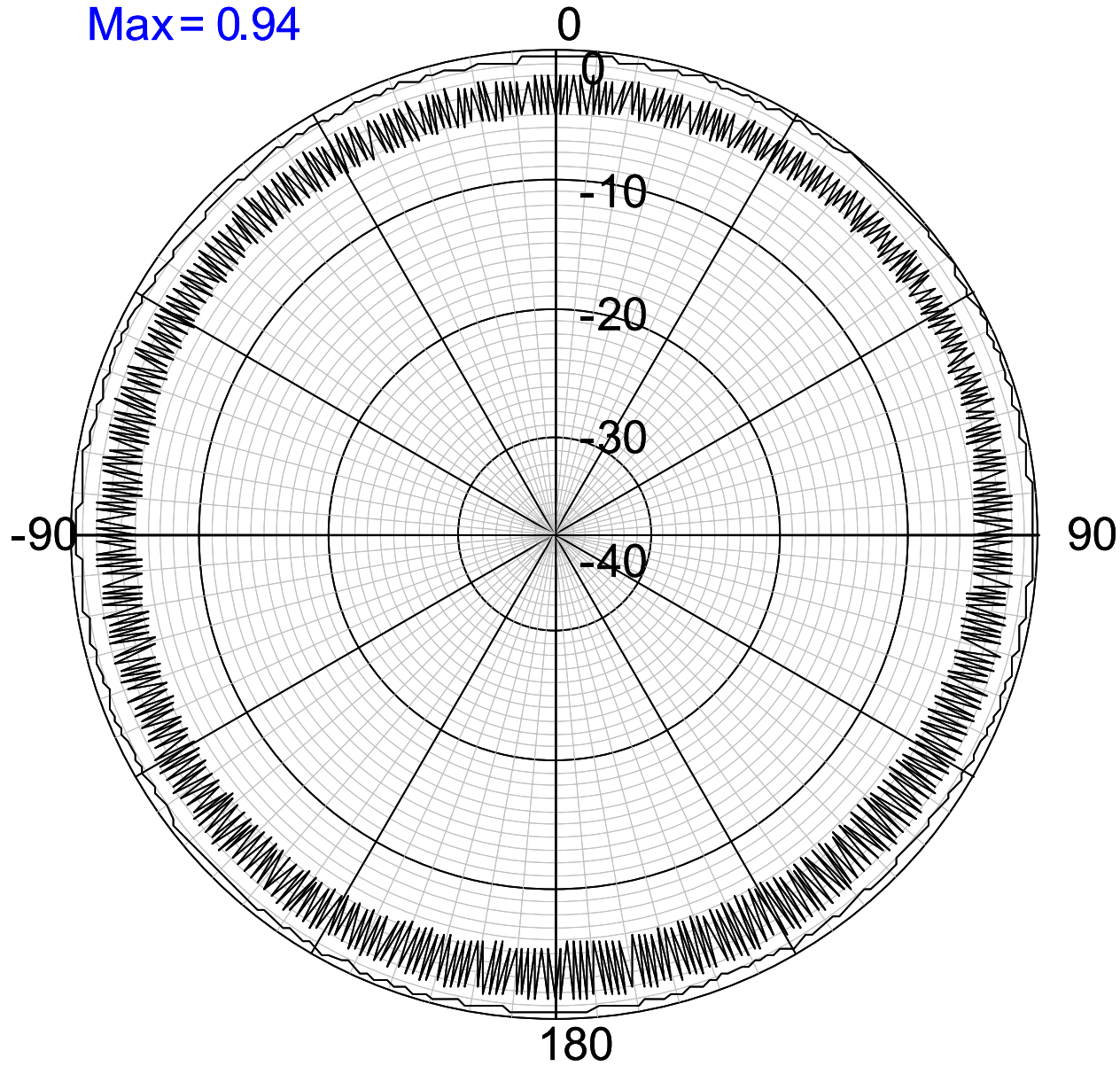
El = 10 deg

Max = -0.01



El = 20 deg

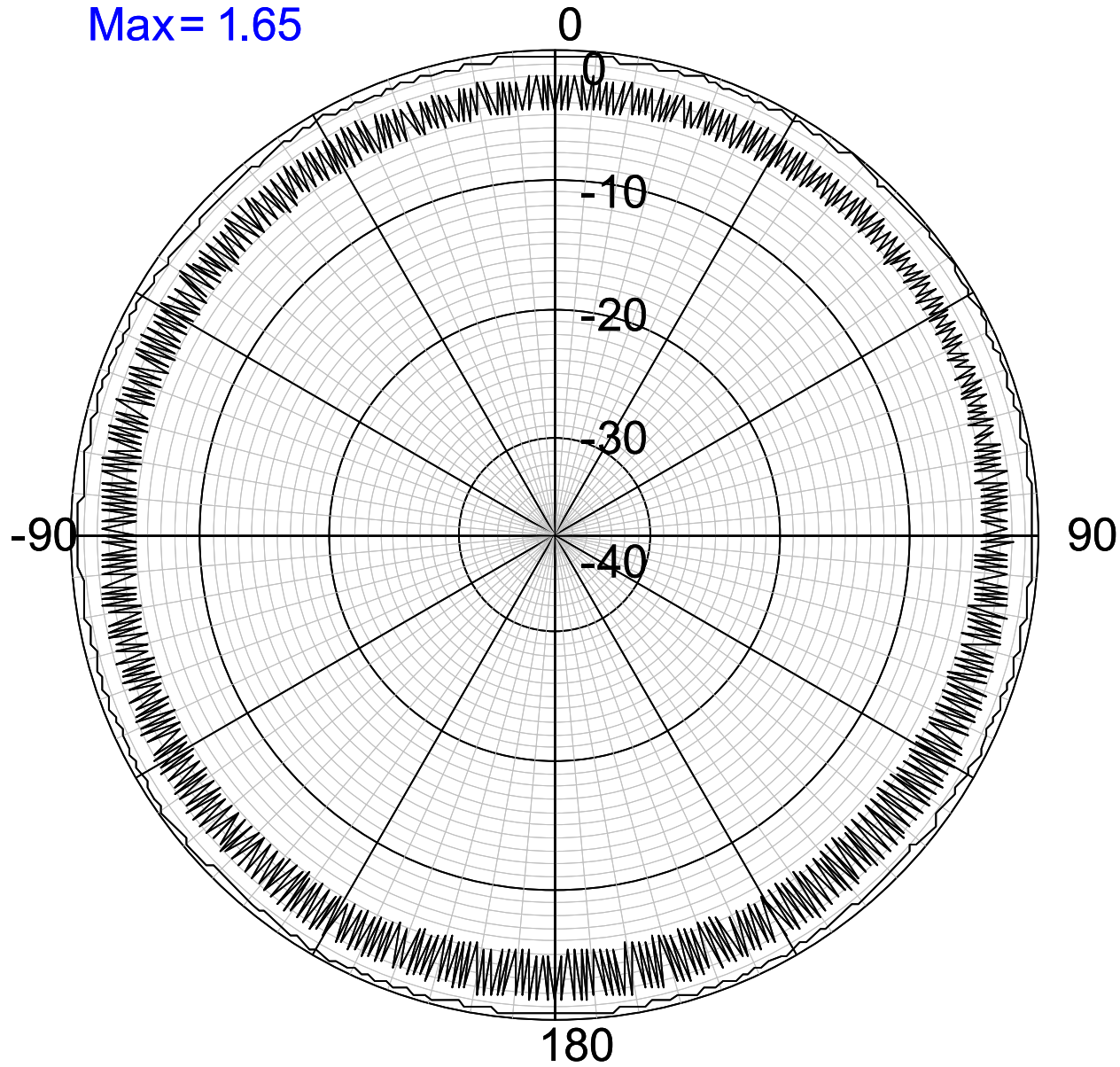
Max = 0.94





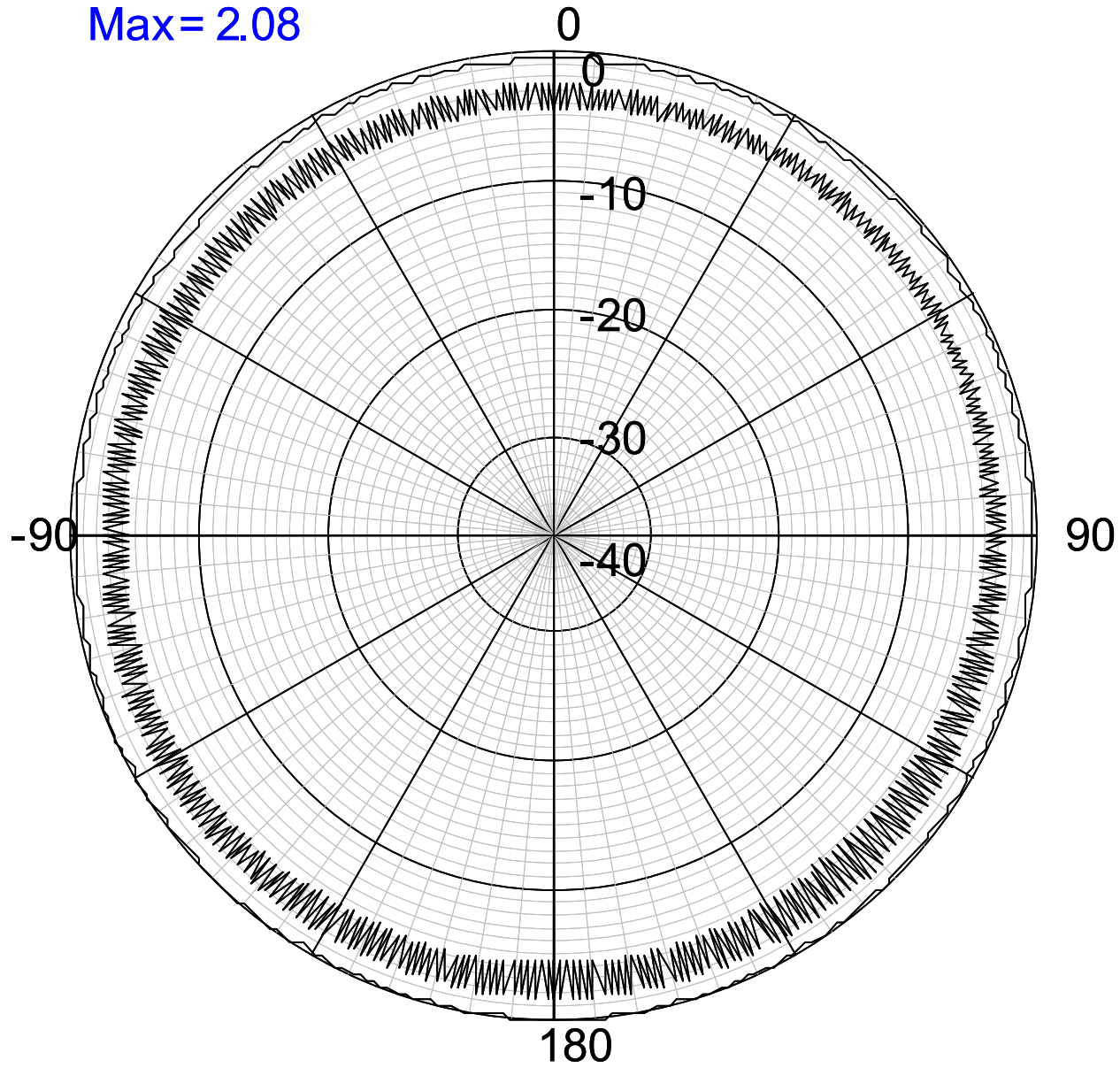
El = 30 deg

Max= 1.65



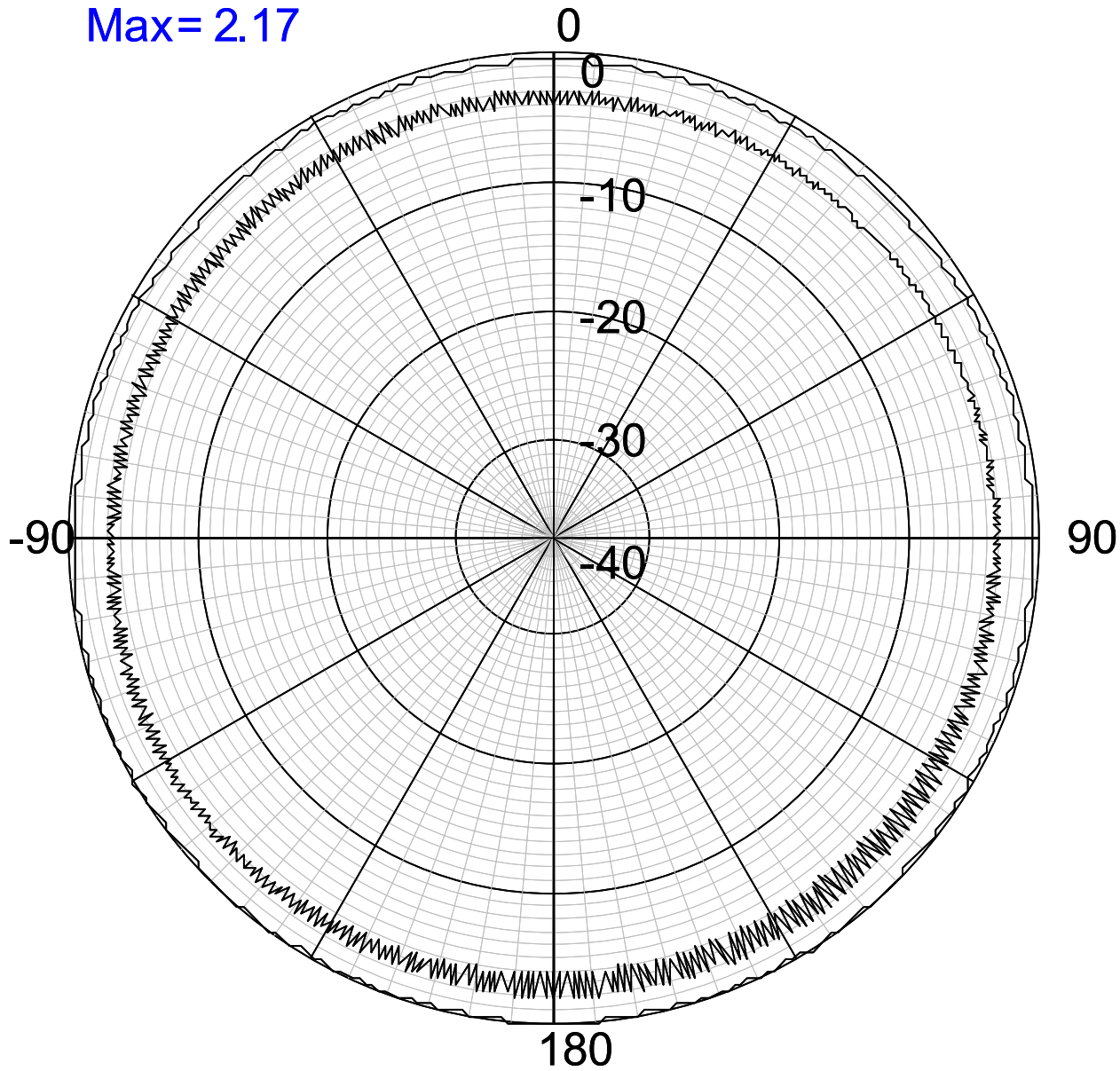
EI = 45 deg

Max= 2.08



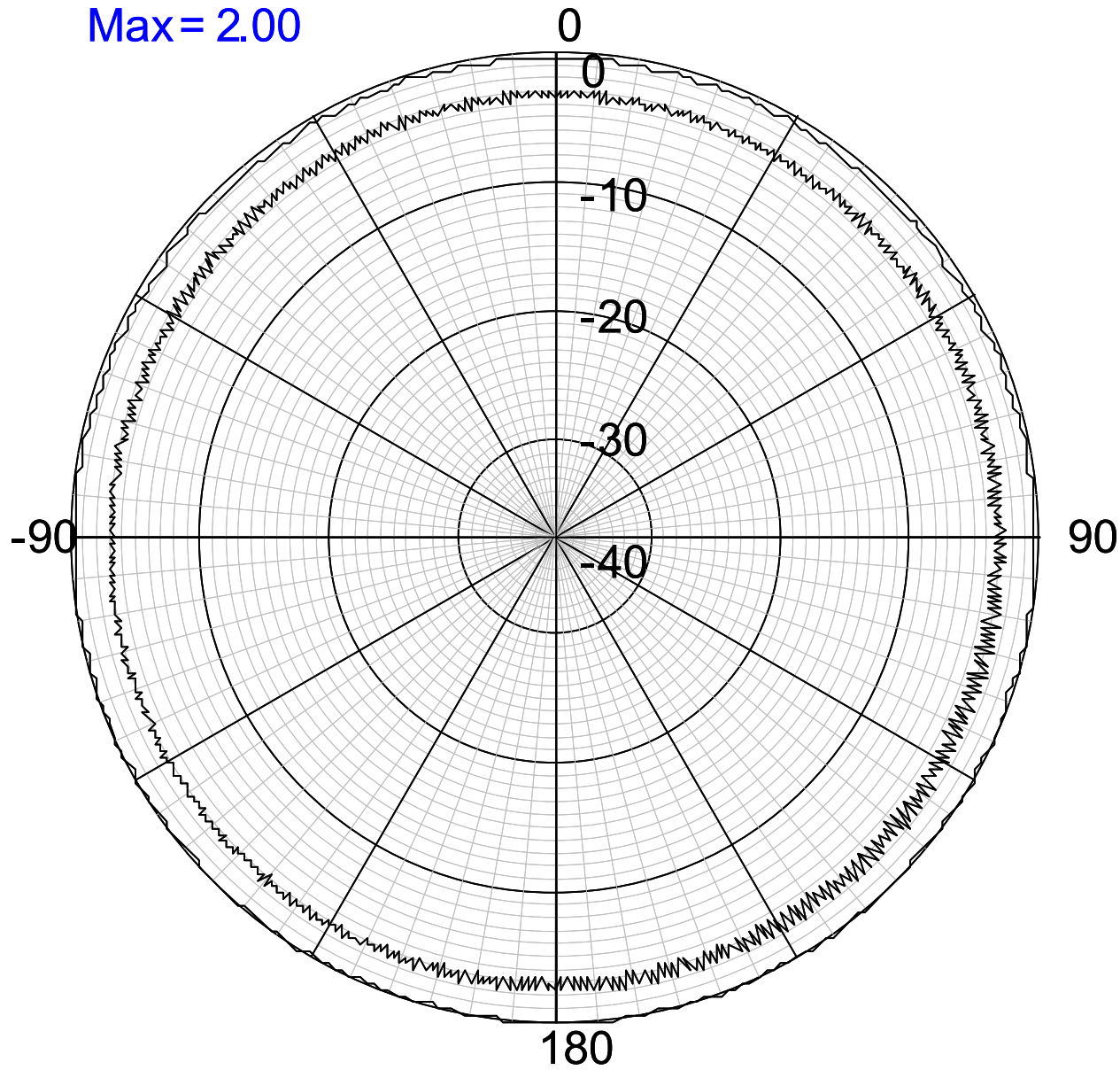
EI = 60 deg

Max= 2.17



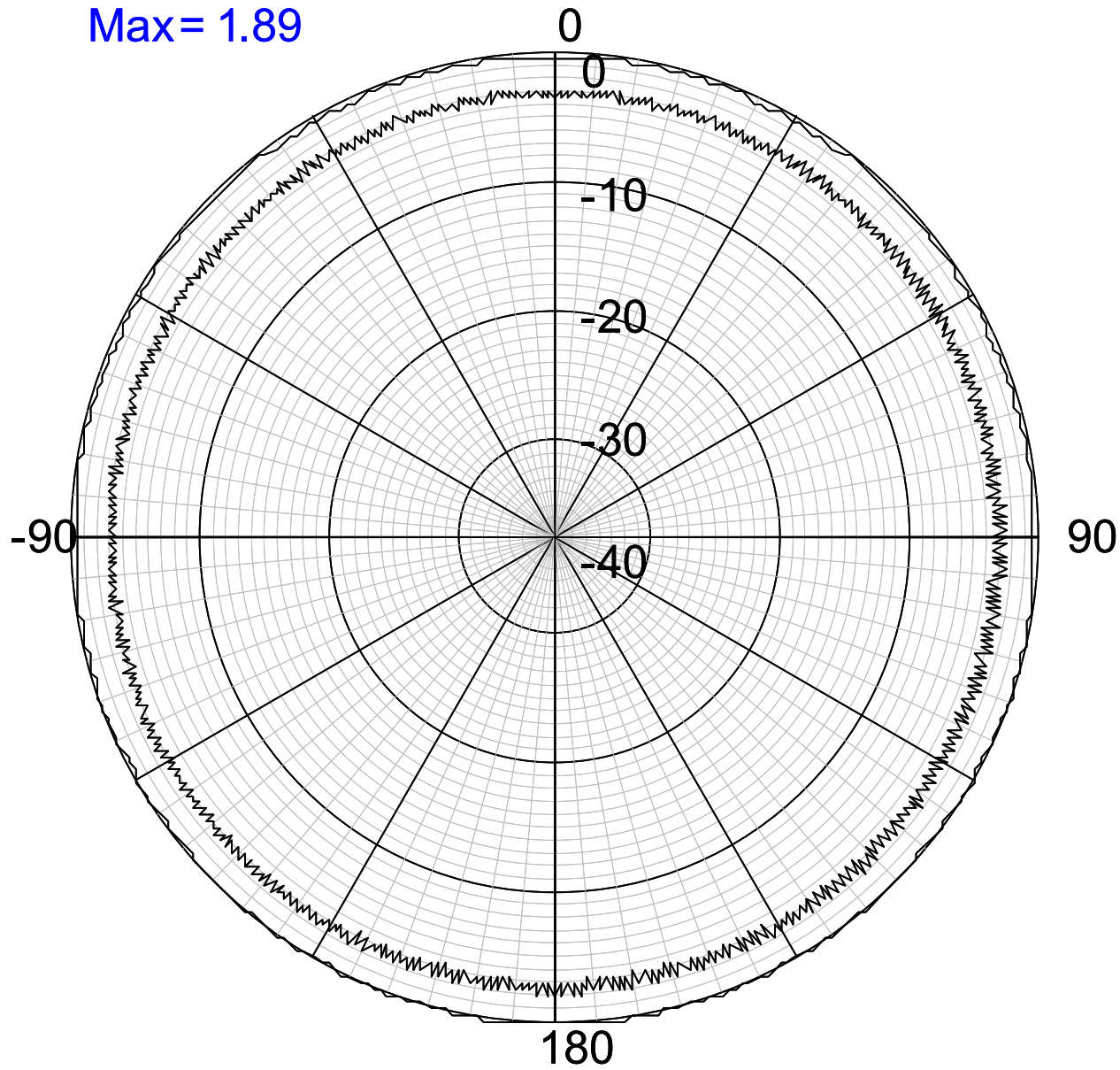
El = 70 deg

Max = 2.00



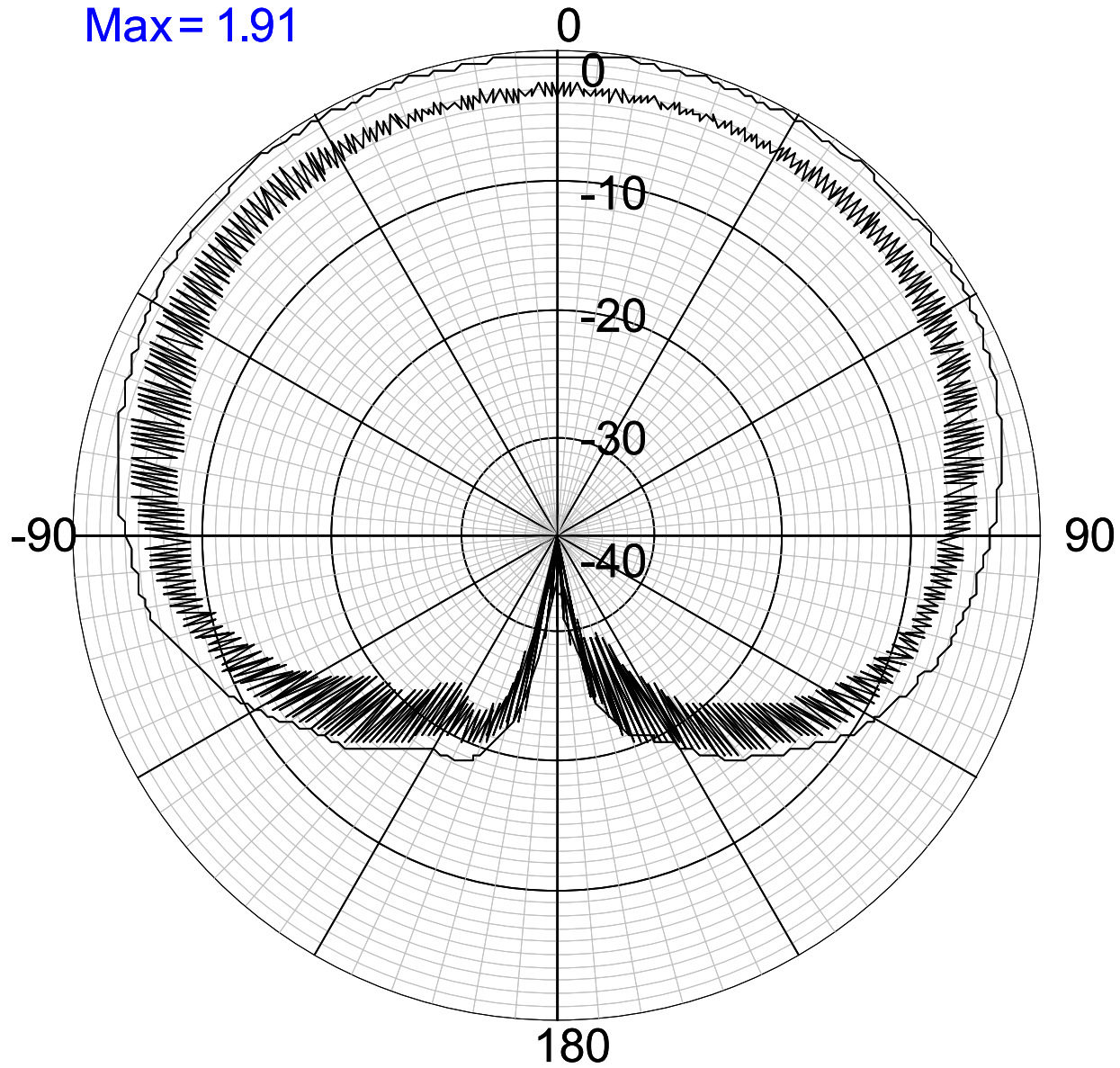
EI = 80 deg

Max= 1.89



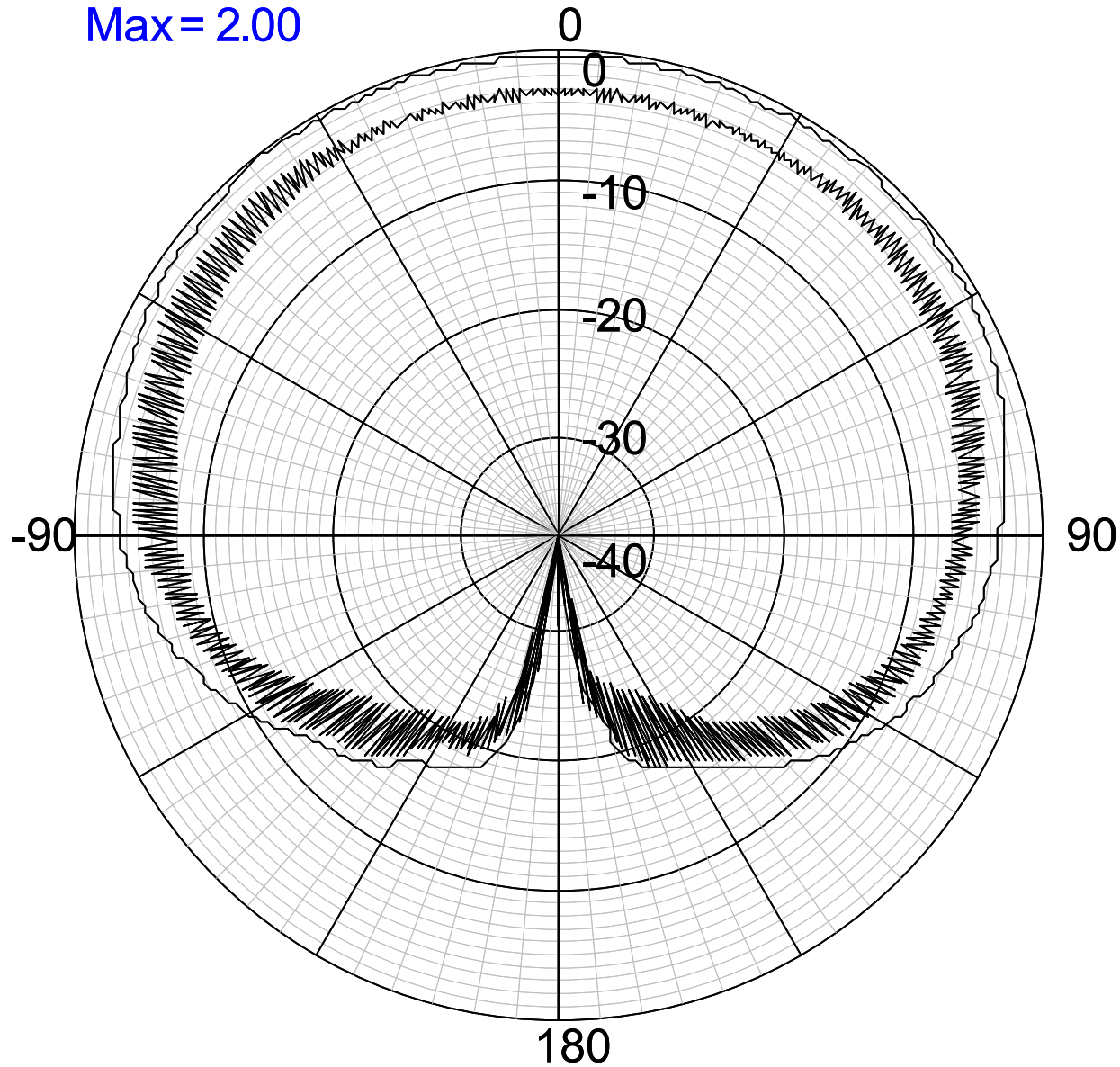
Az = 0 deg

Max= 1.91



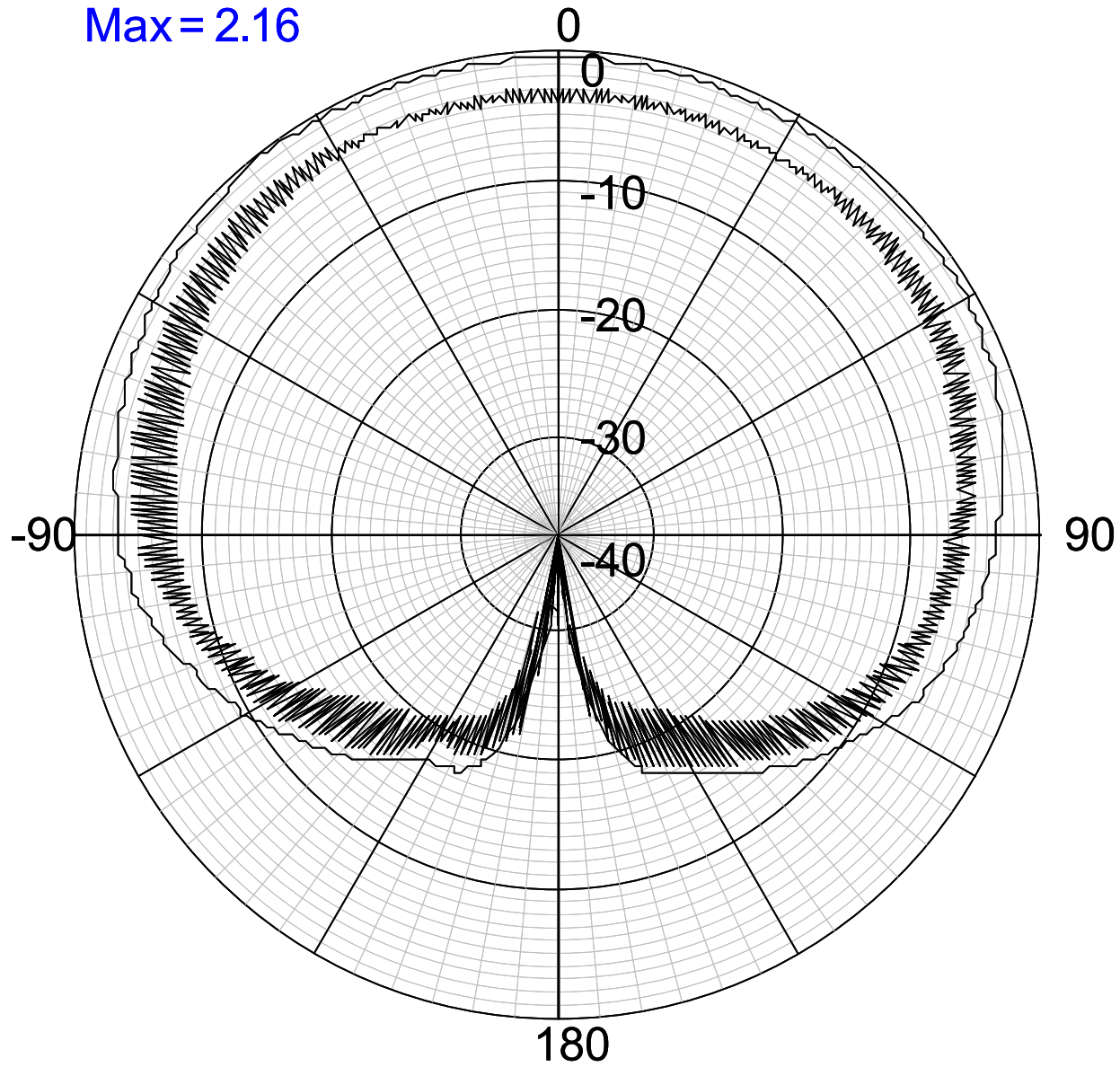
Az = 30 deg

Max = 2.00



Az = 45 deg

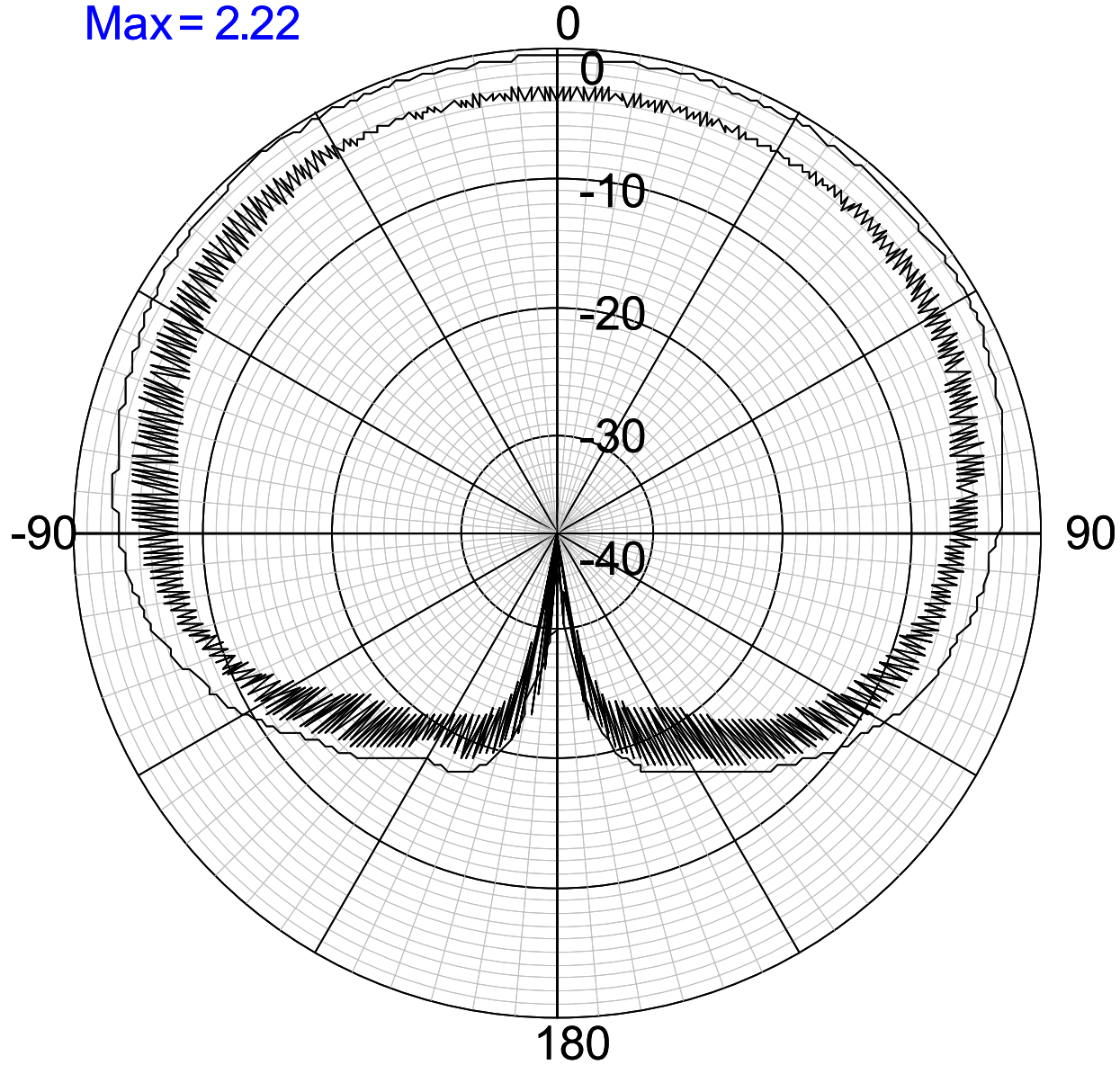
Max = 2.16





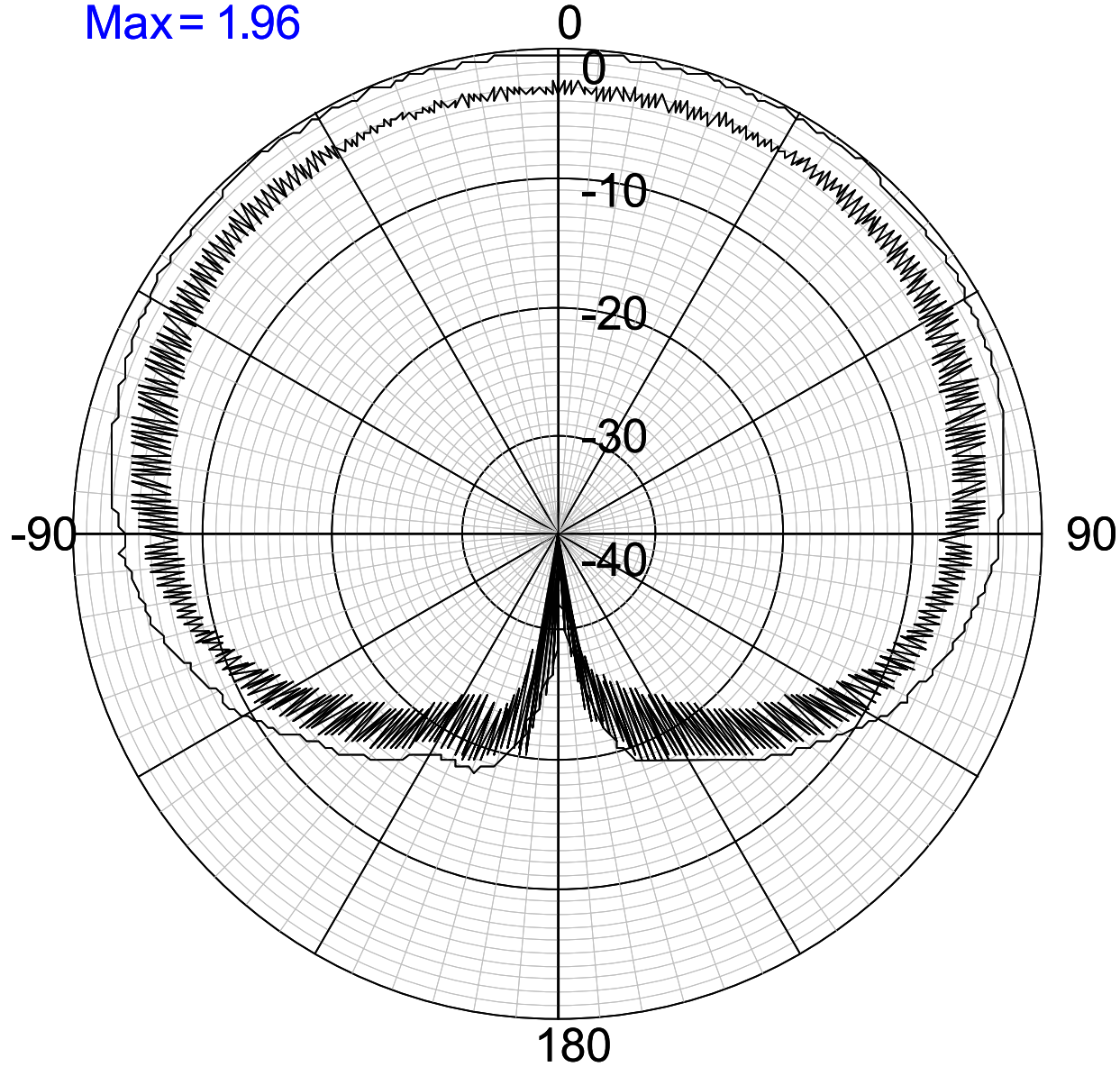
Az = 60 deg

Max = 2.22



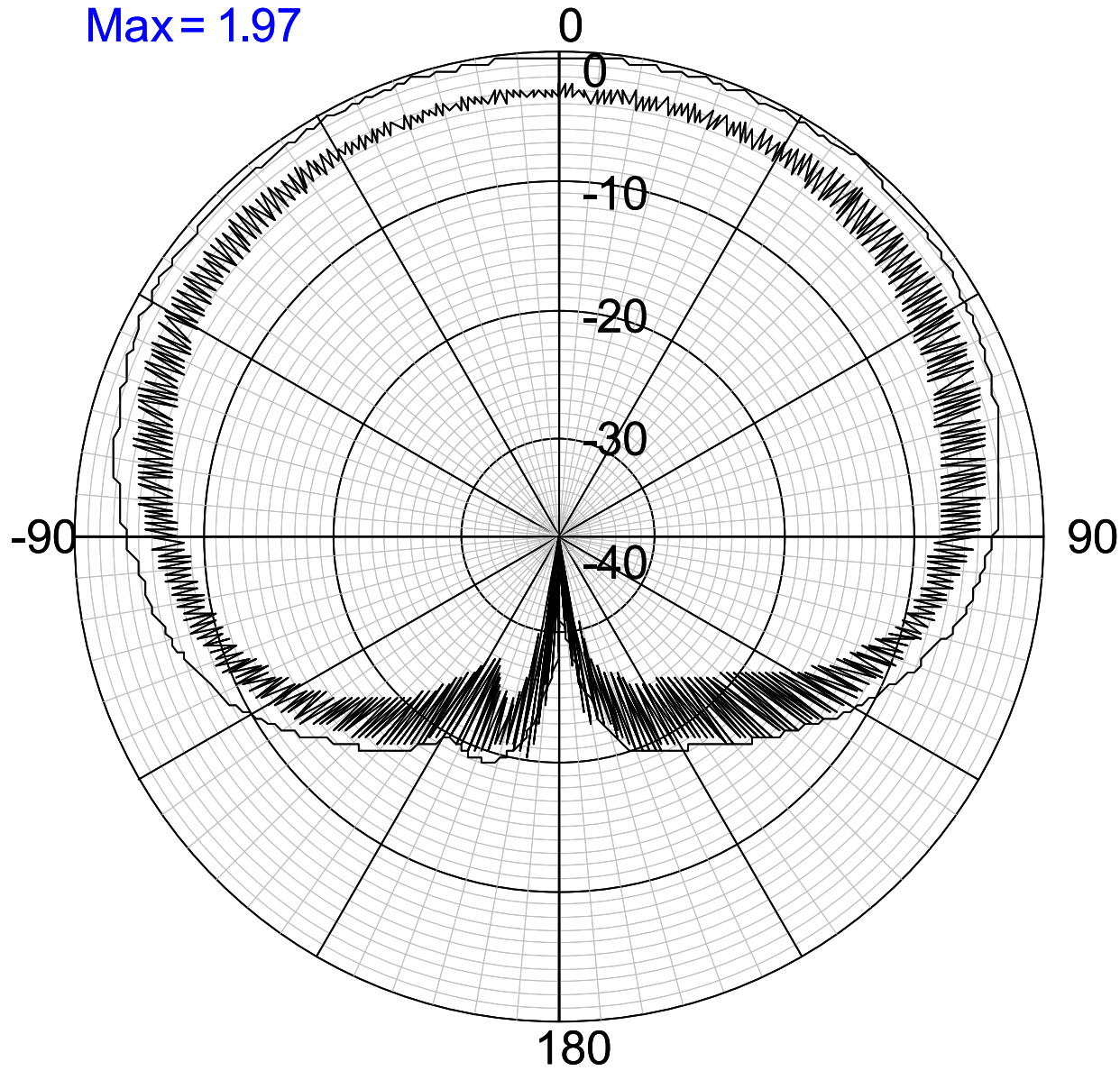
Az = 90 deg

Max= 1.96



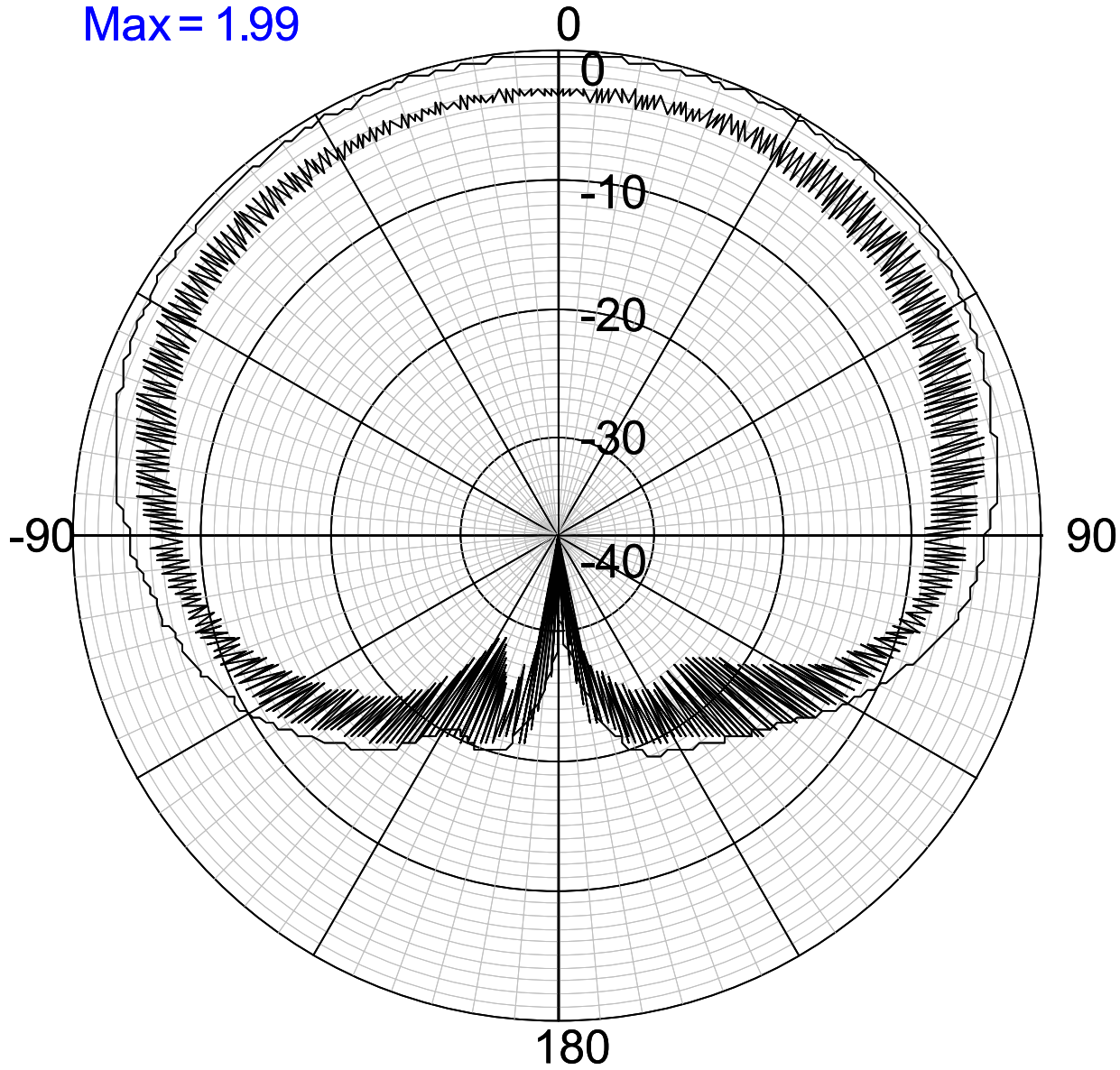
Az = 120 deg

Max = 1.97



Az = 135 deg

Max = 1.99



Az = 150 deg

Max = 1.97

