

TABULATION OF RELATIVE FIELD FOR PROPOSED DIRECTIONAL ANTENNA

<u>AZIMUTH</u>	<u>RELATIVE FIELD</u>	<u>AZIMUTH</u>	<u>RELATIVE FIELD</u>
N000°E	1.000	N180°E	1.000
N010°E	1.000	N190°E	1.000
N020°E	1.000	N200°E	1.000
N030°E	1.000	N210°E	1.000
N040°E	1.000	N220°E	1.000
N050°E	1.000	N230°E	1.000
N060°E	1.000	N240°E	1.000
N070°E	1.000	N250°E	1.000
N080°E	1.000	N260°E	1.000
N090°E	1.000	N270°E	1.000
N100°E	1.000	N280°E	1.000
N110°E	1.000	N290°E	1.000
N120°E	1.000	N300°E	0.970
N130°E	1.000	N310°E	0.900
N140°E	1.000	N320°E	0.920
N150°E	1.000	N330°E	1.000
N160°E	1.000	N340°E	1.000
N170°E	1.000	N350°E	1.000

**Kessler and Gehman Associates, Inc.**



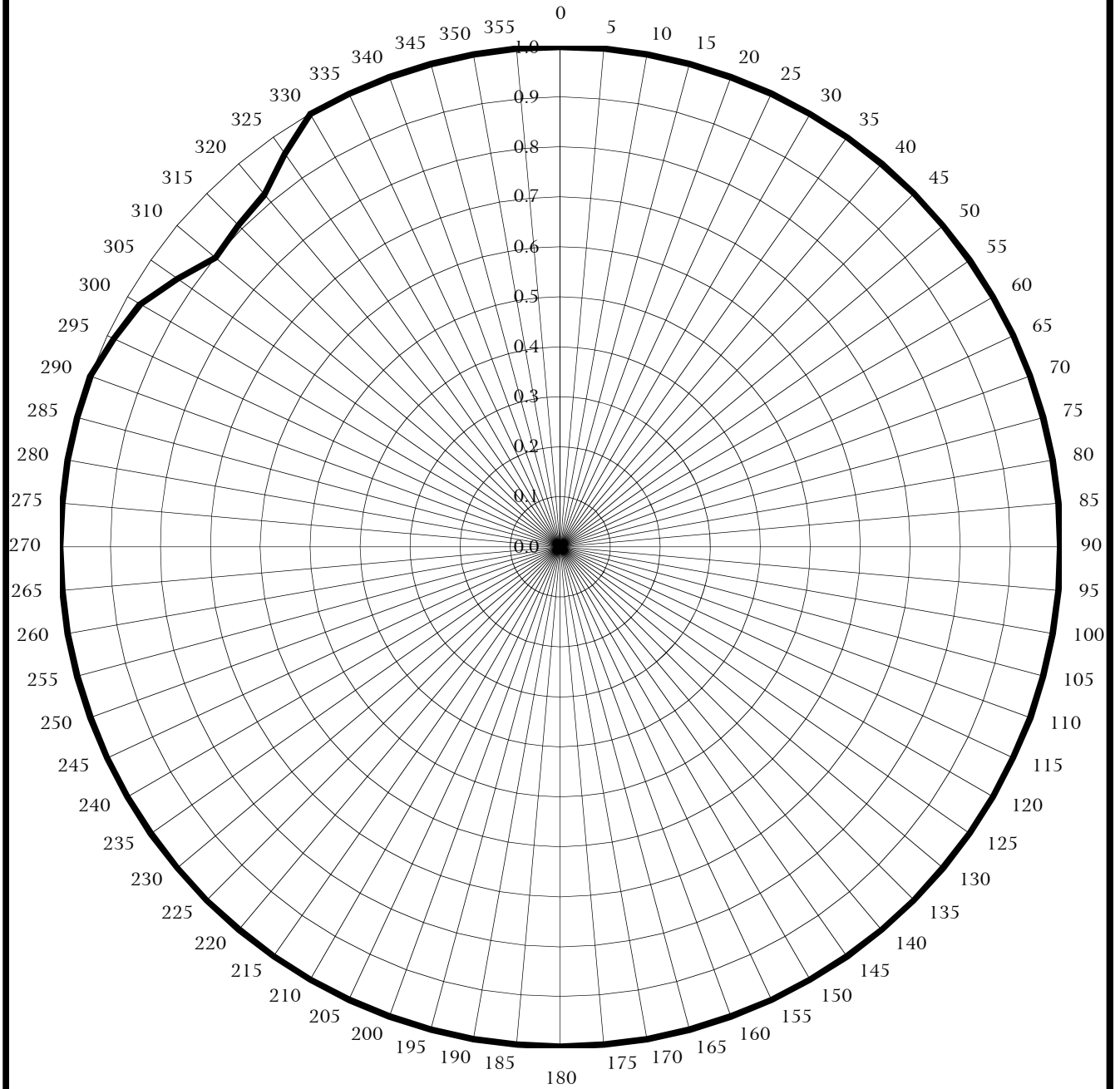
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[www.kesslerandgehman.com](http://www.kesslerandgehman.com)

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EXHIBIT 4.2

# RELATIVE FIELD AZIMUTH PATTERN



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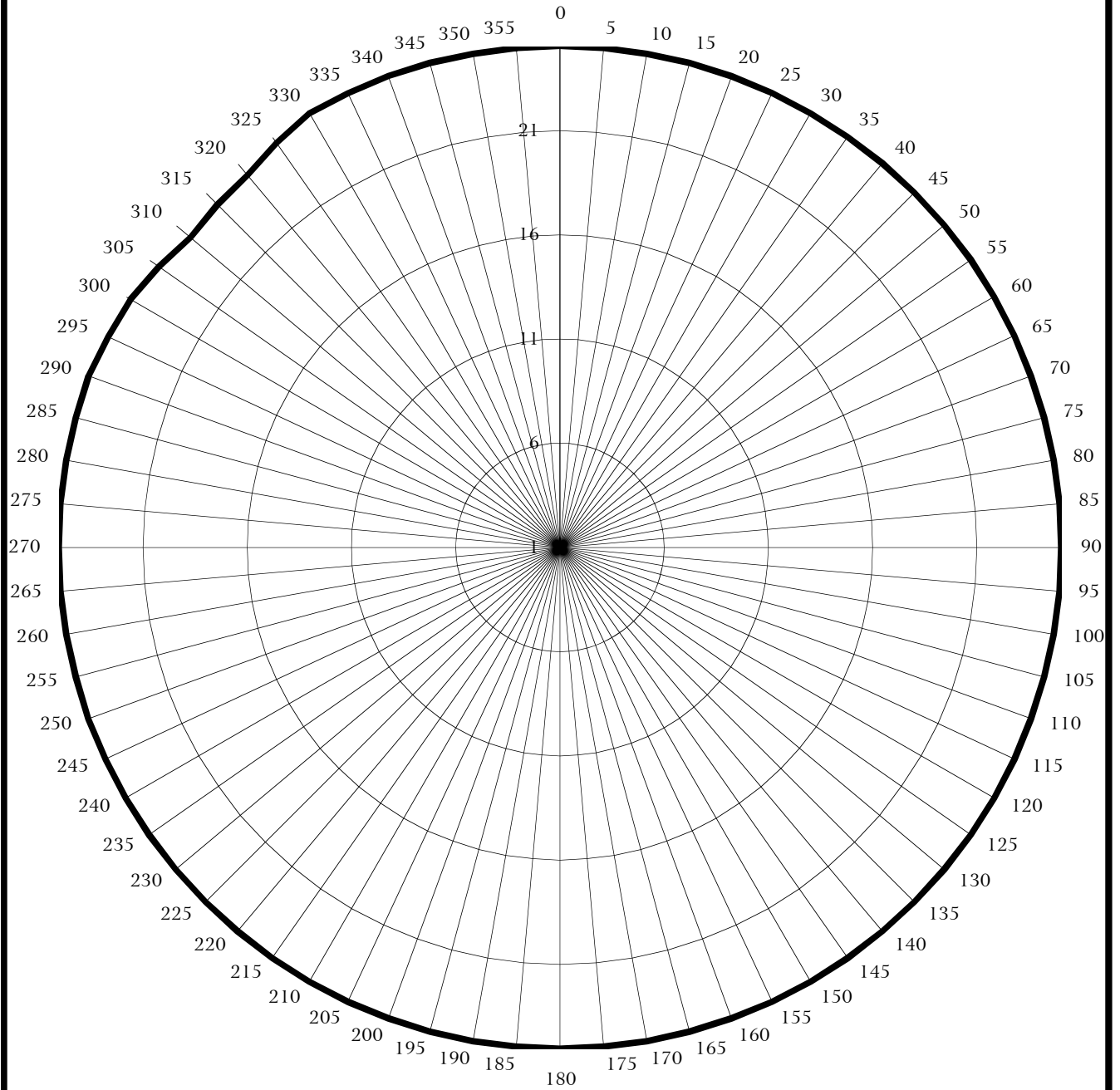
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EXHIBIT 4.3

# ERP - dBW



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EXHIBIT 4.4