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YAUCO, PUERTO RICO

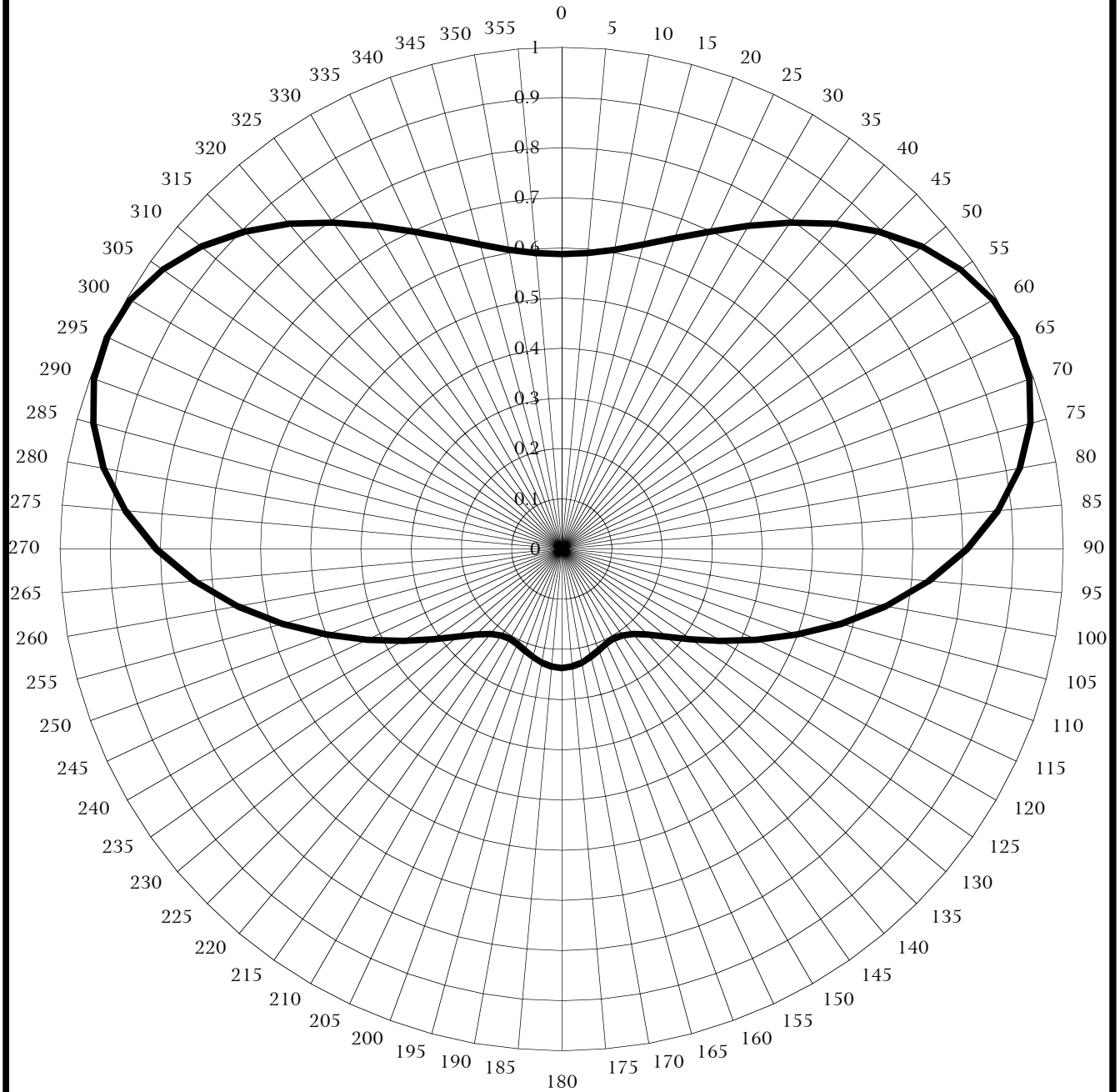
TABULATION OF RELATIVE FIELD FOR PROPOSED DIRECTIONAL ANTENNA

<u>AZIMUTH</u>	<u>RELATIVE FIELD</u>	<u>AZIMUTH</u>	<u>RELATIVE FIELD</u>
N000°E	0.588	N180°E	0.237
N010°E	0.605	N190°E	0.230
N020°E	0.659	N200°E	0.215
N030°E	0.744	N210°E	0.206
N040°E	0.846	N220°E	0.221
N050°E	0.938	N230°E	0.271
N060°E	0.993	N240°E	0.365
N070°E	0.992	N250°E	0.499
N080°E	0.927	N260°E	0.656
N090°E	0.808	N270°E	0.808
N100°E	0.656	N280°E	0.927
N110°E	0.499	N290°E	0.992
N120°E	0.365	N300°E	0.993
N130°E	0.271	N310°E	0.938
N140°E	0.221	N320°E	0.846
N150°E	0.206	N330°E	0.744
N160°E	0.215	N340°E	0.659
N170°E	0.230	N350°E	0.605

MAXIMUM OF 1.000 AT N65°E AND N295°E

MINIMUM OF 0.206 AT N150°E AND N210°E

RELATIVE FIELD AZIMUTH PATTERN



DIELECTRIC TFU-26JSC-R 3BP240
ORIENTED WITH BEAM MAXIMA AT 65° AND 295°
MAXIMUM AXIMUTH GAIN: 2.40 (3.80 DB)

KESSLER & GEHMAN

TELECOMMUNICATIONS CONSULTING ENGINEERS
507 N.W. 60th Street, Suite C
Gainesville, Florida 32607

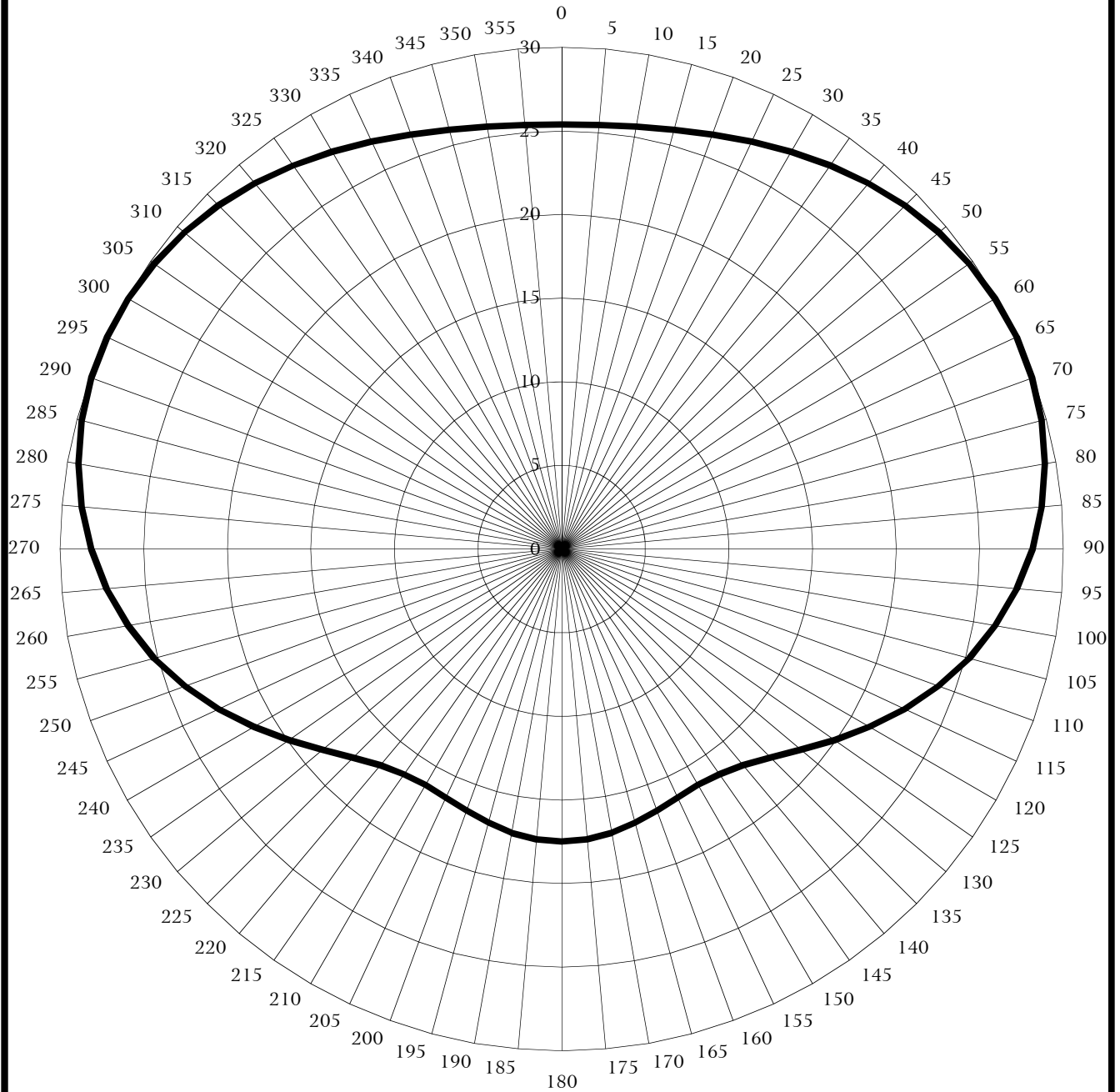
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EXHIBIT 46.5

ERP - dBk



DIELECTRIC TFU-26JSC-R 3BP240
ORIENTED WITH 30 DBKW MAXIMA AT 65° AND 295°

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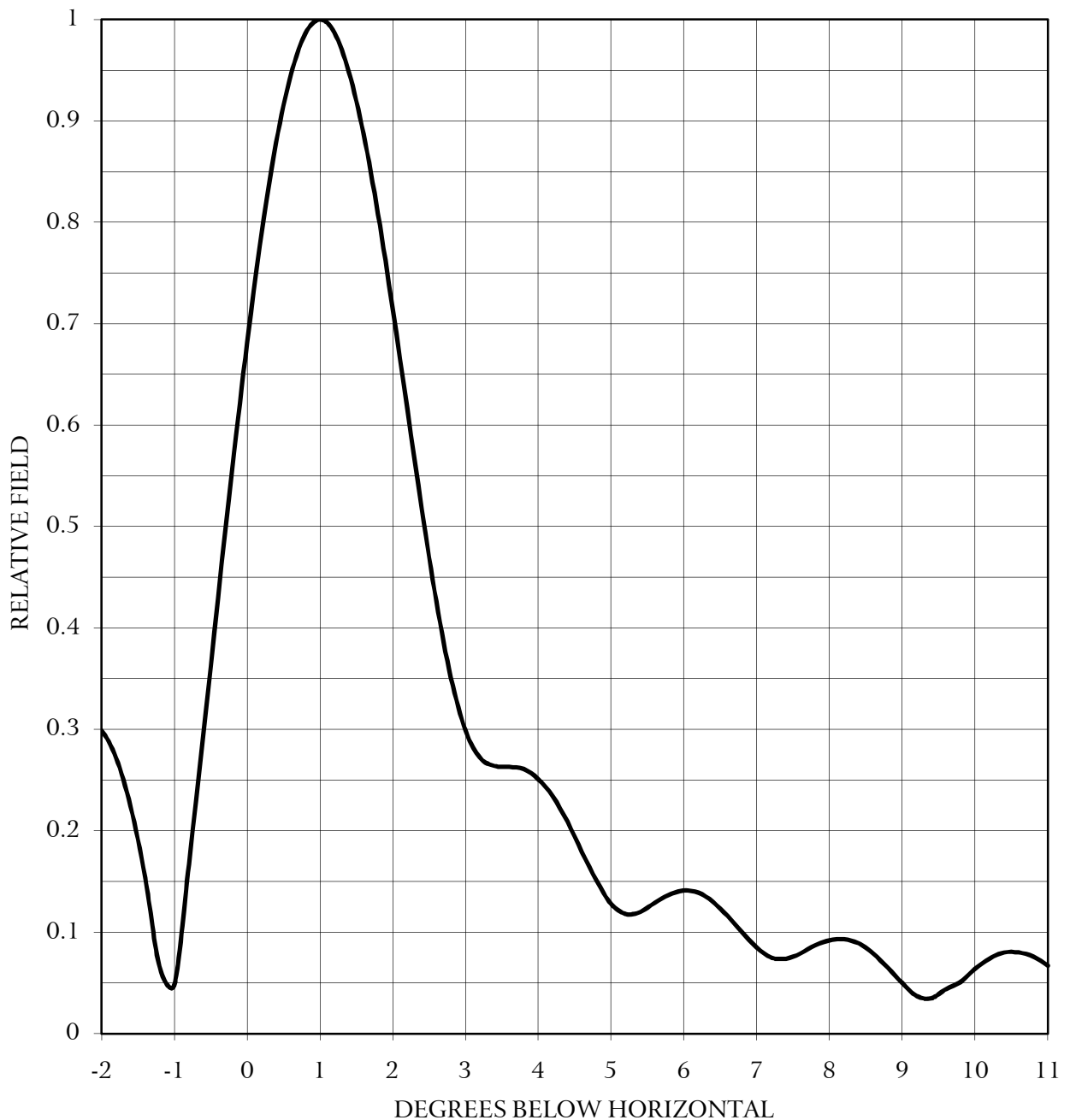
EXHIBIT 46.6

ELEVATION PATTERN

DIELECTRIC TFU-26JSC-R 3BP240

RMS Gain at Main Lobe 24.10 (13.82 dB)
RMS Gain at Horizontal 11.20 (10.49 dB)

Beam Tilt 1.0 deg
Frequency 635.0 MHz



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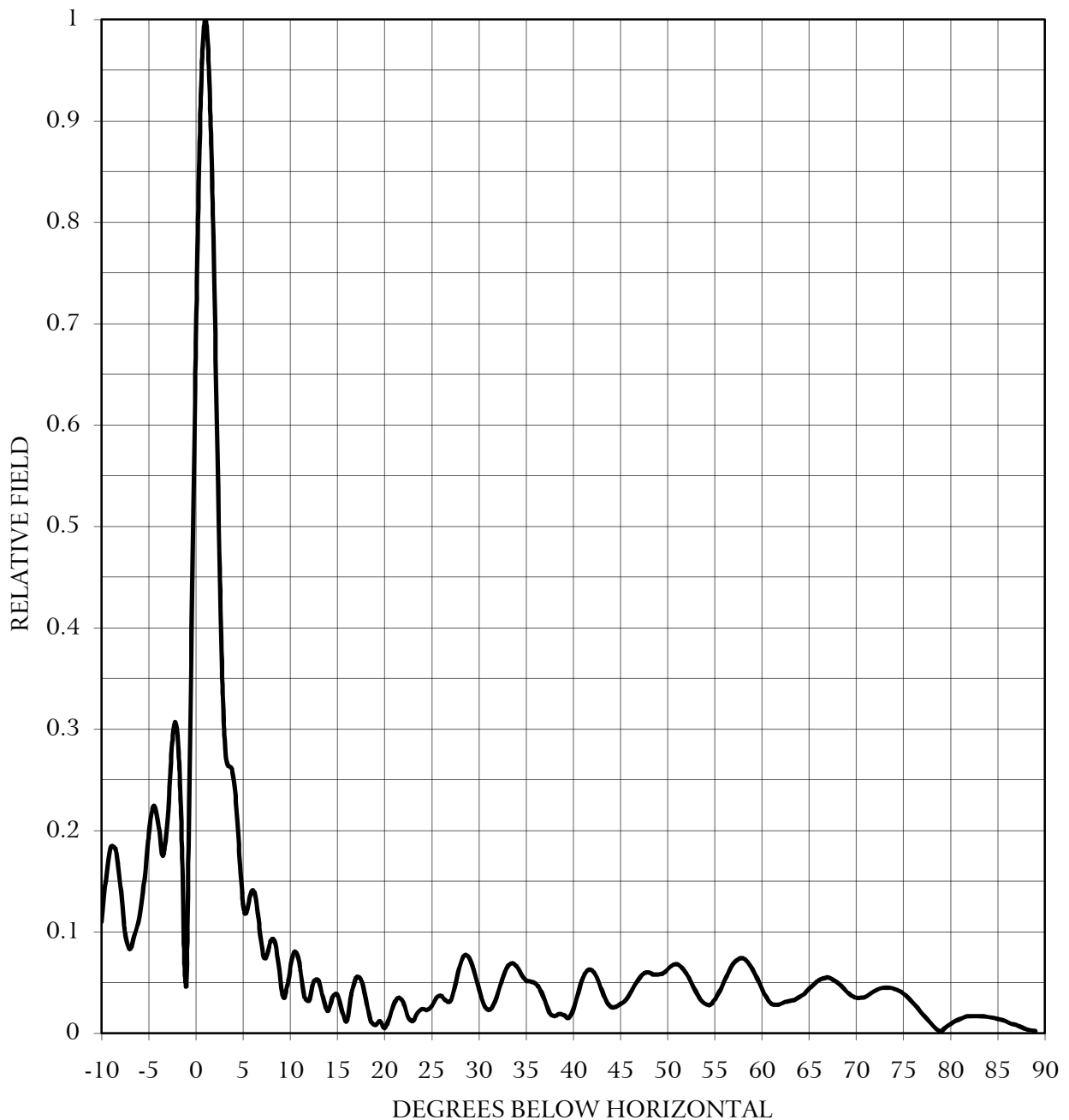
EXHIBIT 46.7

ELEVATION PATTERN

DIELECTRIC TFU-26JSC-R 3BP240

RMS Gain at Main Lobe 24.10 (13.82 dB)
RMS Gain at Horizontal 11.20 (10.49 dB)

Beam Tilt 1.0 deg
Frequency 635.0 MHz



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EXHIBIT 46.8