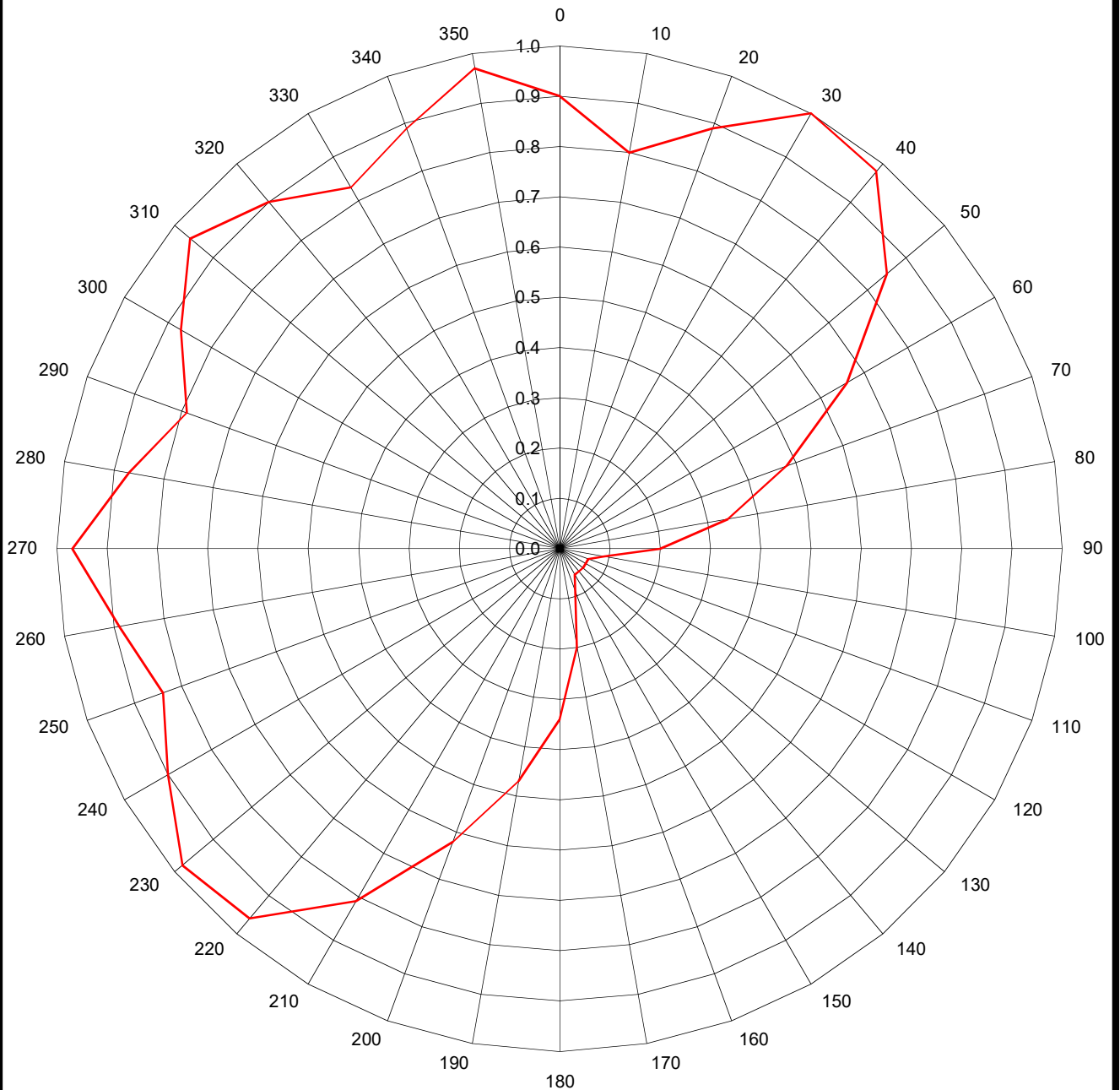


## RELATIVE FIELD AZIMUTH PATTERN



**DIELECTRIC MODEL TCP-SP01-9(7)**  
**PEAK DIRECTIONAL GAIN: 9.82 dB**

**Kessler and Gehman Associates, Inc.**



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**WITV-DT CHANNEL 9**  
**Charleston, South Carolina**

**20170612**

## WITV-DT CHANNEL 9

*Charleston, South Carolina*

### TABULATION OF RELATIVE FIELD FOR PROPOSED DIRECTIONAL ANTENNA

<u>AZIMUTH</u>	<u>RELATIVE FIELD</u>	<u>AZIMUTH</u>	<u>RELATIVE FIELD</u>
N000°E	0.900	N180°E	0.340
N010°E	0.800	N190°E	0.470
N020°E	0.890	N200°E	0.620
N030°E	1.000	N210°E	0.810
N040°E	0.980	N220°E	0.960
N050°E	0.850	N230°E	0.980
N060°E	0.660	N240°E	0.900
N070°E	0.480	N250°E	0.840
N080°E	0.340	N260°E	0.890
N090°E	0.200	N270°E	0.970
N100°E	0.090	N280°E	0.870
N110°E	0.060	N290°E	0.790
N120°E	0.060	N300°E	0.870
N130°E	0.060	N310°E	0.960
N140°E	0.060	N320°E	0.900
N150°E	0.060	N330°E	0.830
N160°E	0.090	N340°E	0.890
N170°E	0.200	N350°E	0.970

MAXIMUM RELATIVE FIELD OF 1.000 AT N30°E

MINIMUM RELATIVE FIELD OF 0.06 FROM N110°E TO N150°E

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