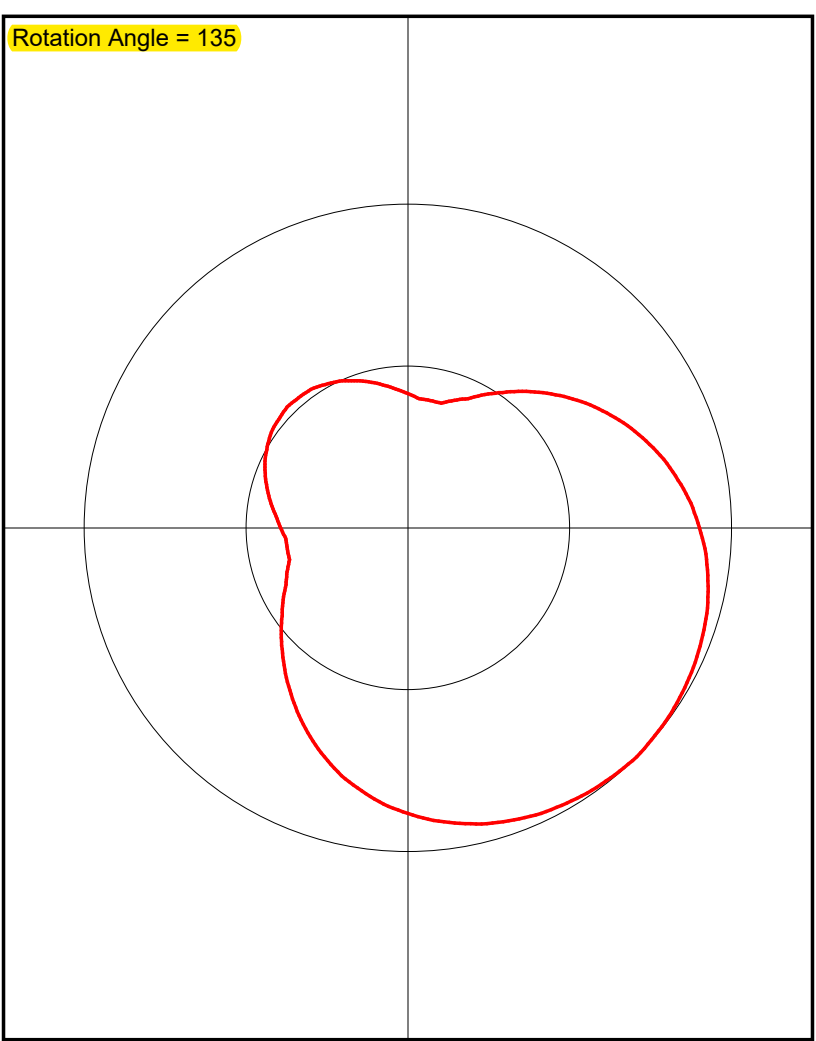


KTPE-LD DIE DLP-12C DIRECTIONAL ANTENNA

Pre-Rotation Antenna Pattern....	
Azimuth (deg)	Relative Field
0.0	1.0
10.0	0.99
20.0	0.973
30.0	0.946
40.0	0.907
50.0	0.857
60.0	0.792
70.0	0.713
80.0	0.628
90.0	0.547
100.0	0.474
110.0	0.415
120.0	0.378
130.0	0.378
140.0	0.408
150.0	0.449
160.0	0.487
170.0	0.515
180.0	0.527
190.0	0.522
200.0	0.5
210.0	0.467
220.0	0.43
230.0	0.4
240.0	0.398
250.0	0.44
260.0	0.51
270.0	0.59
280.0	0.671
290.0	0.748
300.0	0.818
310.0	0.877
320.0	0.924
330.0	0.958
340.0	0.98
350.0	0.994

Rotation Angle = 135



PATTERN AS SHOWN ABOVE INCLUDES ANTENNA ROTATION
HORIZONTAL RELATIVE FIELD PATTERN AND TABULATIONS