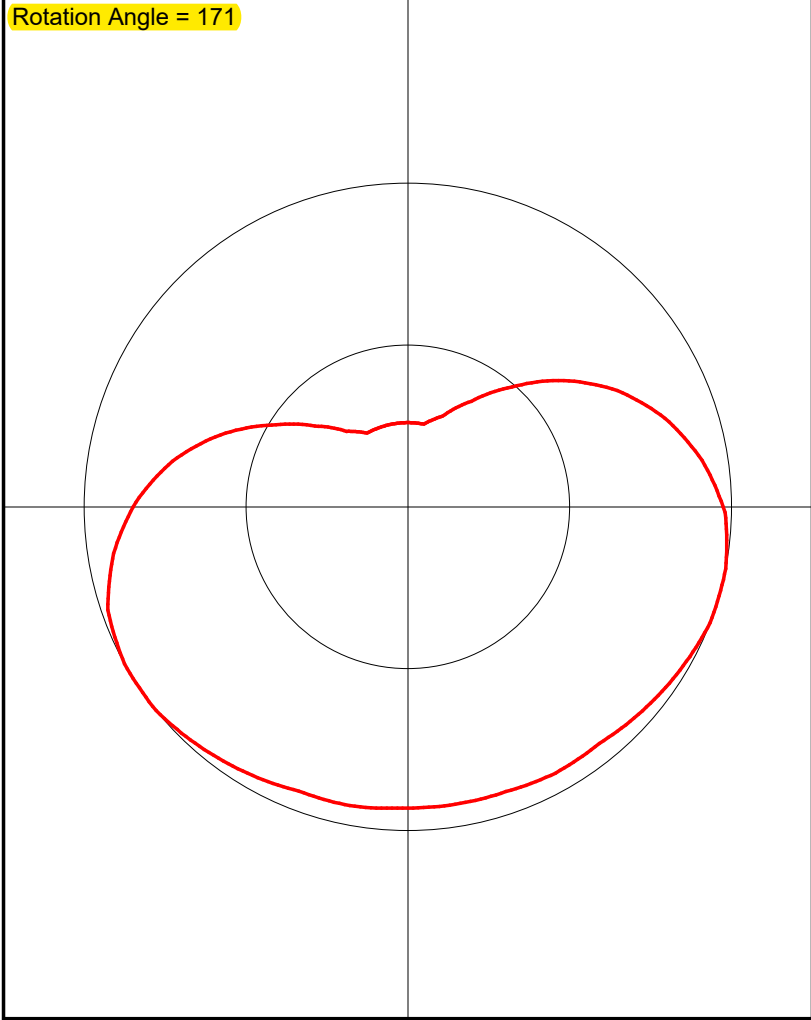


KVPO-LD PSI PSILP16EC DIRECTIONAL ANTENNA

Pre-Rotation Antenna Pattern....

Azimuth (deg)	Relative Field
0.0	0.93
10.0	0.93
20.0	0.94
30.0	0.94
40.0	0.96
50.0	0.98
60.0	1.0
70.0	1.0
80.0	0.98
90.0	0.92
100.0	0.84
110.0	0.74
120.0	0.62
130.0	0.49
140.0	0.38
150.0	0.3
160.0	0.26
170.0	0.26
180.0	0.26
190.0	0.26
200.0	0.26
210.0	0.3
220.0	0.38
230.0	0.49
240.0	0.62
250.0	0.74
260.0	0.84
270.0	0.92
280.0	0.98
290.0	1.0
300.0	1.0
310.0	0.98
320.0	0.96
330.0	0.94
340.0	0.94
350.0	0.93

Rotation Angle = 171



GRAPHICAL PATTERN PLOT ABOVE IS WITH ANTENNA
ROTATION - HORIZONTAL RELATIVE FIELD VALUES