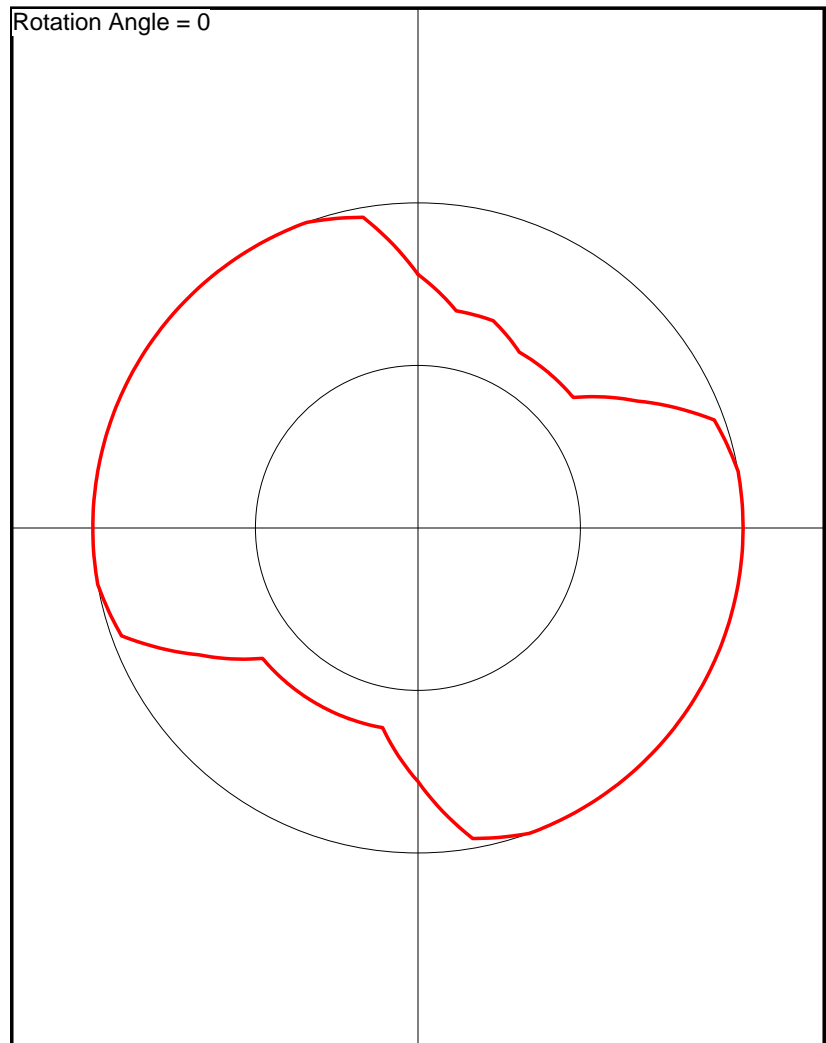


# Antenna Pattern

Pre-Rotation Antenna Pattern....

Azimuth (deg)	Effective Field	
0.0	0.780	60.8 kW
10.0	0.678	
20.0	0.678	
30.0	0.624	38.9 kW
40.0	0.624	
50.0	0.624	
60.0	0.780	
70.0	0.970	
80.0	1.000	100.0 kW
90.0	1.000	
100.0	1.000	
110.0	1.000	
120.0	1.000	
130.0	1.000	
140.0	1.000	
150.0	1.000	
160.0	1.000	100.0 kW
170.0	0.970	
180.0	0.780	
190.0	0.624	
200.0	0.624	
210.0	0.624	
220.0	0.624	
230.0	0.624	
240.0	0.780	
250.0	0.970	
260.0	1.000	100.0 kW
270.0	1.000	
280.0	1.000	
290.0	1.000	
300.0	1.000	
310.0	1.000	
320.0	1.000	
330.0	1.000	
340.0	1.000	100.0 kW
350.0	0.970	

Rotation Angle = 0



## FIGURE 2 DIRECTIONAL ANTENNA PATTERN 100 kW-DA



**WLJN-FM Ch. 210C1 Traverse City, MI**  
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