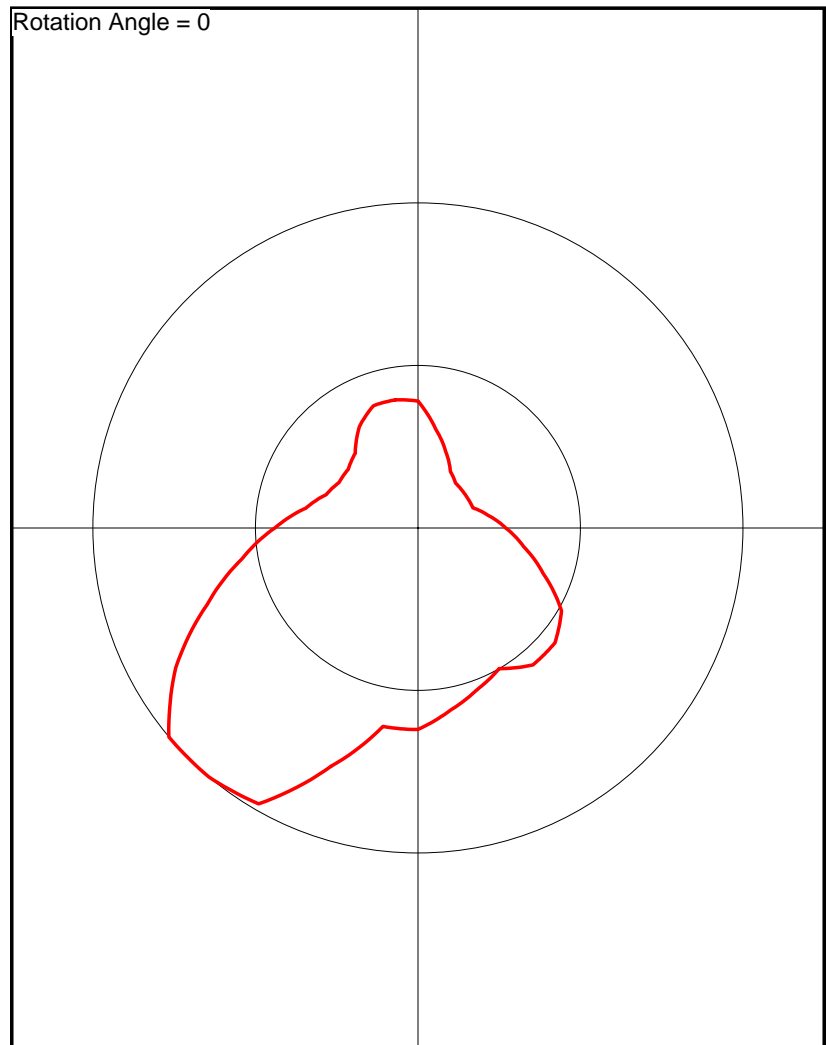


WOVM APP 100 KW

Pre-Rotation Antenna Pattern....

Azimuth (deg)	Effective Field	
0.0	0.390	15.2 kW
10.0	0.310	
20.0	0.250	
30.0	0.200	
40.0	0.180	
50.0	0.178	3.2 kW
60.0	0.178	
70.0	0.180	
80.0	0.220	
90.0	0.270	
100.0	0.330	
110.0	0.410	
120.0	0.510	
130.0	0.550	30.3 kW
140.0	0.550	
150.0	0.500	
160.0	0.530	
170.0	0.570	
180.0	0.620	
190.0	0.620	
200.0	0.780	
210.0	0.980	
220.0	1.000	100.0 kW
230.0	1.000	
240.0	0.860	
250.0	0.690	
260.0	0.550	
270.0	0.440	
280.0	0.350	12.3 kW
290.0	0.300	
300.0	0.280	
310.0	0.280	
320.0	0.300	
330.0	0.360	
340.0	0.400	
350.0	0.400	16.0 kW

Rotation Angle = 0



Dielectric DCR-M4E 4 bay side mount 0.75 spacing

FIGURE 2 - PROPOSED ANTENNA PATTERN

WOVM APP 216C1 Appleton, WI

May 2006