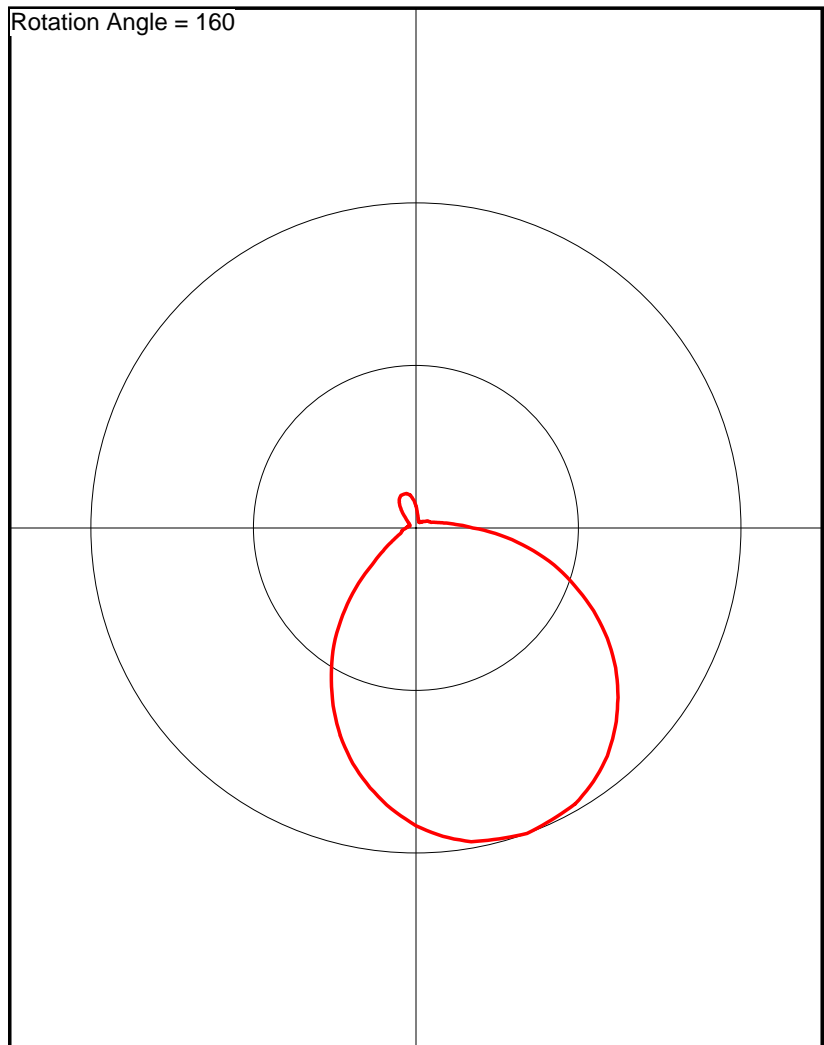


STA 18.3 KW

Post-Rotation Antenna Pattern....

Azimuth (deg)	Effective Field	
0.0	0.067	0.082 kW
10.0	0.035	
20.0	0.025	
30.0	0.020	
40.0	0.025	
50.0	0.030	
60.0	0.043	
70.0	0.050	
80.0	0.087	
90.0	0.175	
100.0	0.350	
110.0	0.520	
120.0	0.680	8.46 kW
130.0	0.812	
140.0	0.916	
150.0	0.980	
160.0	1.000	18.3 kW
170.0	0.980	
180.0	0.916	
190.0	0.812	
200.0	0.680	8.46 kW
210.0	0.520	
220.0	0.350	
230.0	0.175	
240.0	0.087	
250.0	0.050	
260.0	0.043	
270.0	0.030	
280.0	0.025	
290.0	0.020	
300.0	0.025	
310.0	0.035	
320.0	0.067	
330.0	0.102	
340.0	0.110	
350.0	0.102	

Rotation Angle = 160



Scala 4DR-16S ERP: 18.3 kW N-160-E
Tower ASR: 1046246
Located 200' from CP Location



FIGURE 2 - STA ANTENNA PATTERN

WRNT-CP Ch. 48- Hartford, CT
March 2006