

Azimuth (deg)	Effective Field
0.0	0.314
10.0	0.277
20.0	0.267
30.0	0.258
40.0	0.219
50.0	0.192
60.0	0.218
70.0	0.262
80.0	0.283
90.0	0.300
100.0	0.310
110.0	0.303
120.0	0.278
130.0	0.248
140.0	0.215
150.0	0.170
160.0	0.133
170.0	0.140
180.0	0.152
190.0	0.144
200.0	0.146
210.0	0.178
220.0	0.220
230.0	0.288
240.0	0.416
250.0	0.592
260.0	0.764
270.0	0.893
280.0	0.975
285.0	1.000
290.0	0.980
300.0	0.906
310.0	0.788
320.0	0.640
330.0	0.489
340.0	0.392
350.0	0.347

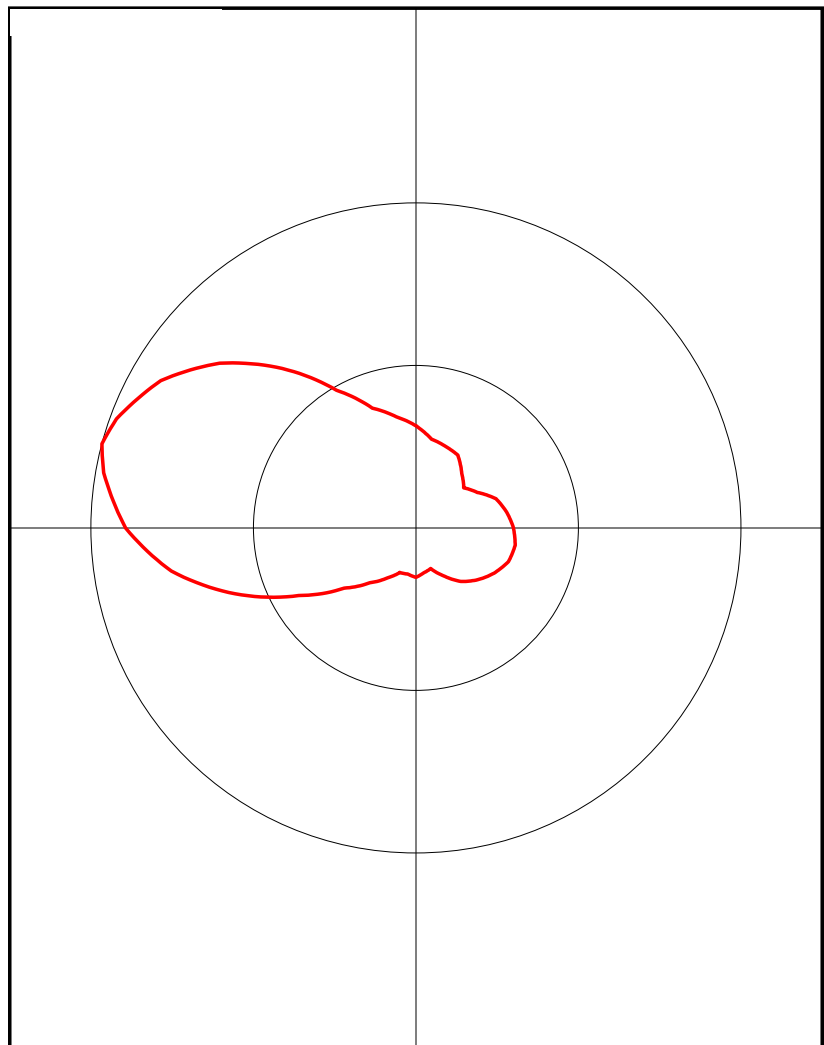


FIGURE 2 - PROPOSED ANTENNA PATTERN

WDRL-DTV CH. 24 Danville, VA
March 2008