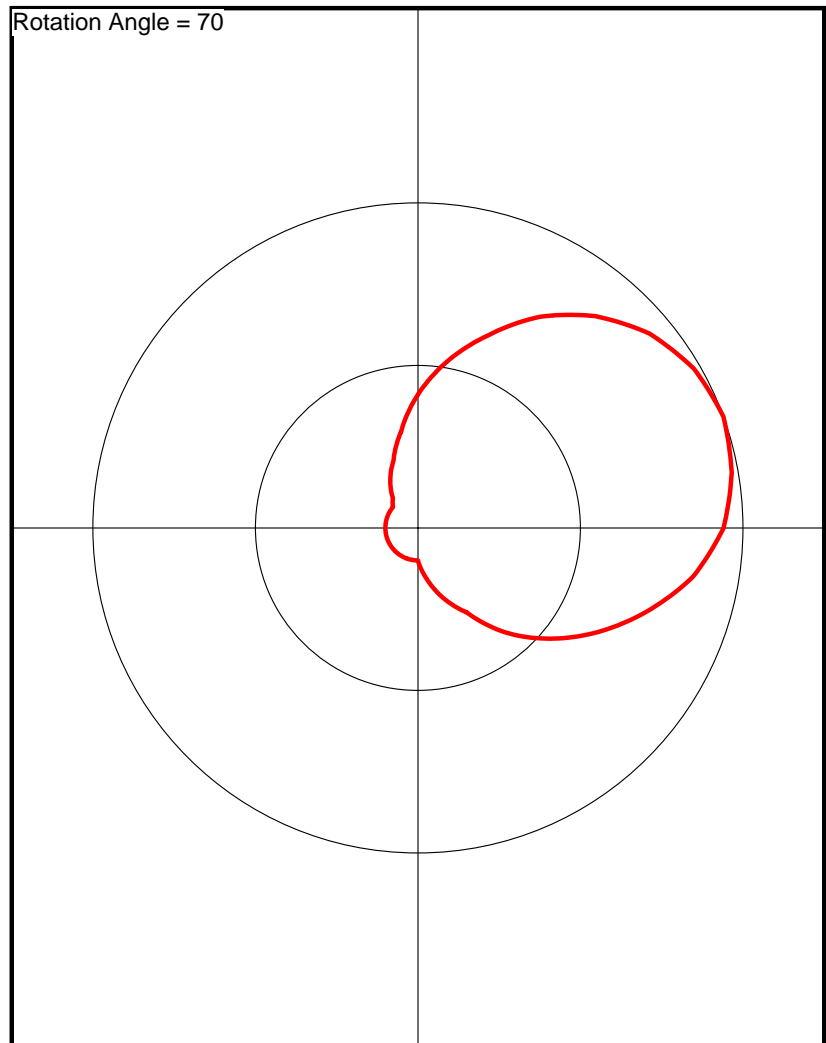


Azimuth (deg)	Effective Field
0.0	0.410
10.0	0.520
20.0	0.630
30.0	0.750
40.0	0.850
50.0	0.930
60.0	0.980
70.0	1.000
80.0	0.980
90.0	0.940
100.0	0.860
110.0	0.750
120.0	0.640
130.0	0.530
140.0	0.420
150.0	0.300
160.0	0.230
170.0	0.160
180.0	0.100
190.0	0.100
200.0	0.100
210.0	0.100
220.0	0.100
230.0	0.100
240.0	0.100
250.0	0.100
260.0	0.100
270.0	0.100
280.0	0.100
290.0	0.100
300.0	0.100
310.0	0.100
320.0	0.120
330.0	0.170
340.0	0.220
350.0	0.300

Rotation Angle = 70



**Dielectric TLP8-F Custom**  
**Pattern has been modified not to go below 0.1 relative field at any azimuth to insure protection on paper of all other facilities.**

## FIGURE 2 - PROPOSED ANTENNA PATTERN

**Displacement Application**

**Salvatore Minniti**

**W12CL - Ch. 34- - Springfield, MA**

**November 2003**