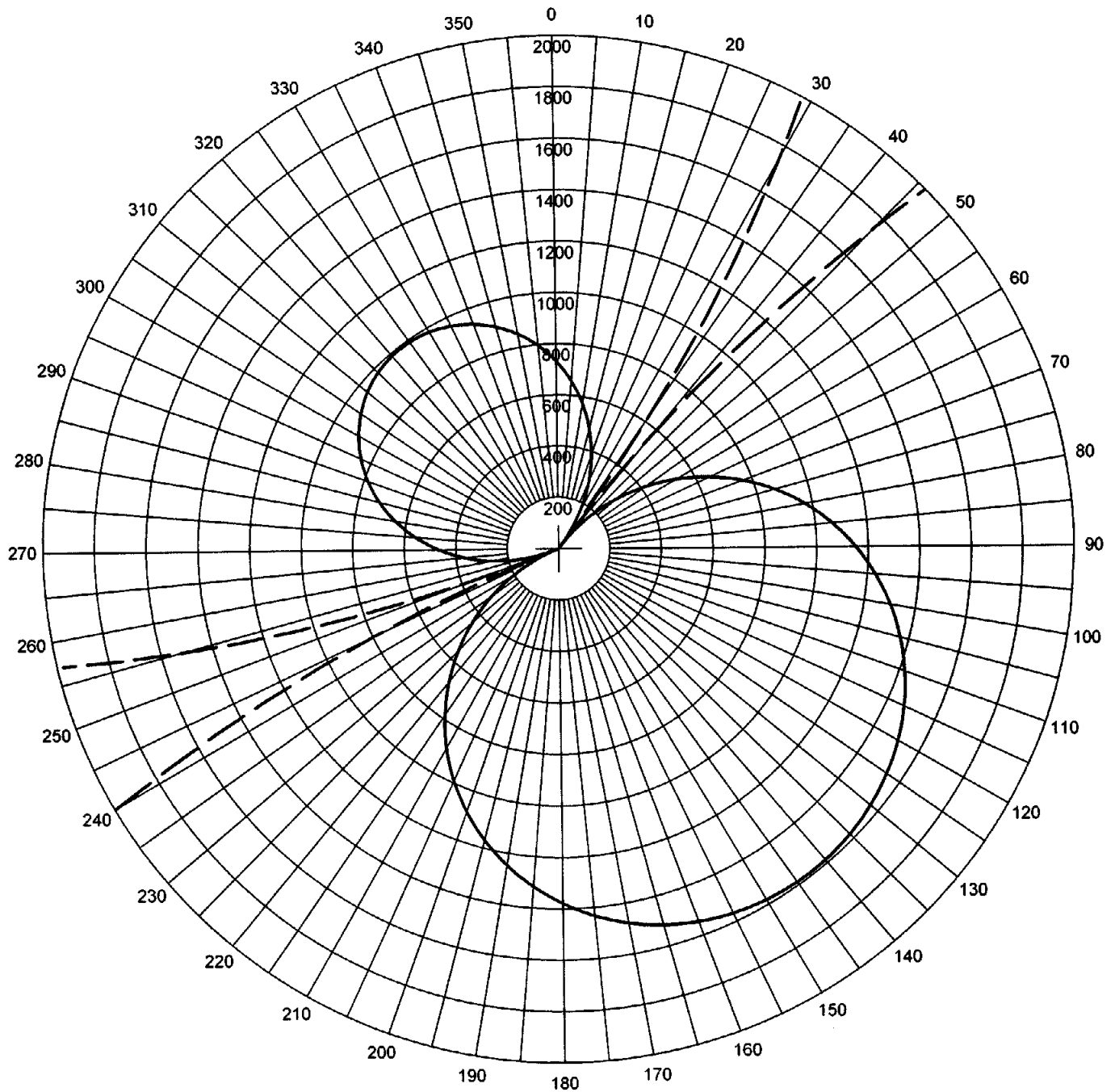


Proposed 1090 kHz Daytime/Critical Hours AM Directional Pattern



Theoretical Horizontal Plane Pattern

Theo RMS: 985.72 mV/m@1km

— Pattern (mV/m @ 1km)
 --- Pattern X10

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	71.7	0	0	0.0	0.0	0.0	0.0
2	1.000	161.0	71.7	323.0	71.7	0	0	0.0	0.0	0.0	0.0

Call: 1090 kHz
 Freq: 1090 kHz
 Hours: Day - Critical Hours
 Lat: 29-56-05 N
 Lng: 096-06-47 W
 Power: 10.0 kW
 Theo RMS: 985.72 mV/m@1km
 @ 10.0 kW

Azim	Field [mV/m]
0.0	769.135
5.0	691.941
10.0	605.957
15.0	511.747
20.0	410.053
25.0	301.865
30.0	188.781
35.0	76.695
40.0	71.852
45.0	188.897
50.0	313.647
55.0	439.114
60.0	563.257
65.0	684.598
70.0	801.867
75.0	913.947
80.0	1019.882
85.0	1118.877
90.0	1210.304
95.0	1293.700
100.0	1368.757
105.0	1435.302
110.0	1493.283
115.0	1542.734
120.0	1583.754
125.0	1616.480
130.0	1641.057
135.0	1657.617
140.0	1666.261
145.0	1667.045
150.0	1659.976
155.0	1645.007
160.0	1622.043
165.0	1590.959
170.0	1551.608
175.0	1503.853
180.0	1447.584
185.0	1382.750
190.0	1309.386
195.0	1227.638
200.0	1137.785

Azim	Field [mV/m]
205.0	1040.259
210.0	935.654
215.0	824.731
220.0	708.416
225.0	587.792
230.0	464.100
235.0	338.763
240.0	213.636
245.0	93.373
250.0	57.686
255.0	165.857
260.0	279.567
265.0	388.896
270.0	491.980
275.0	587.752
280.0	675.431
285.0	754.422
290.0	824.275
295.0	884.665
300.0	935.369
305.0	976.239
310.0	1007.190
315.0	1028.175
320.0	1039.172
325.0	1040.171
330.0	1031.174
335.0	1012.185
340.0	983.225
345.0	944.333
350.0	895.587
355.0	837.119