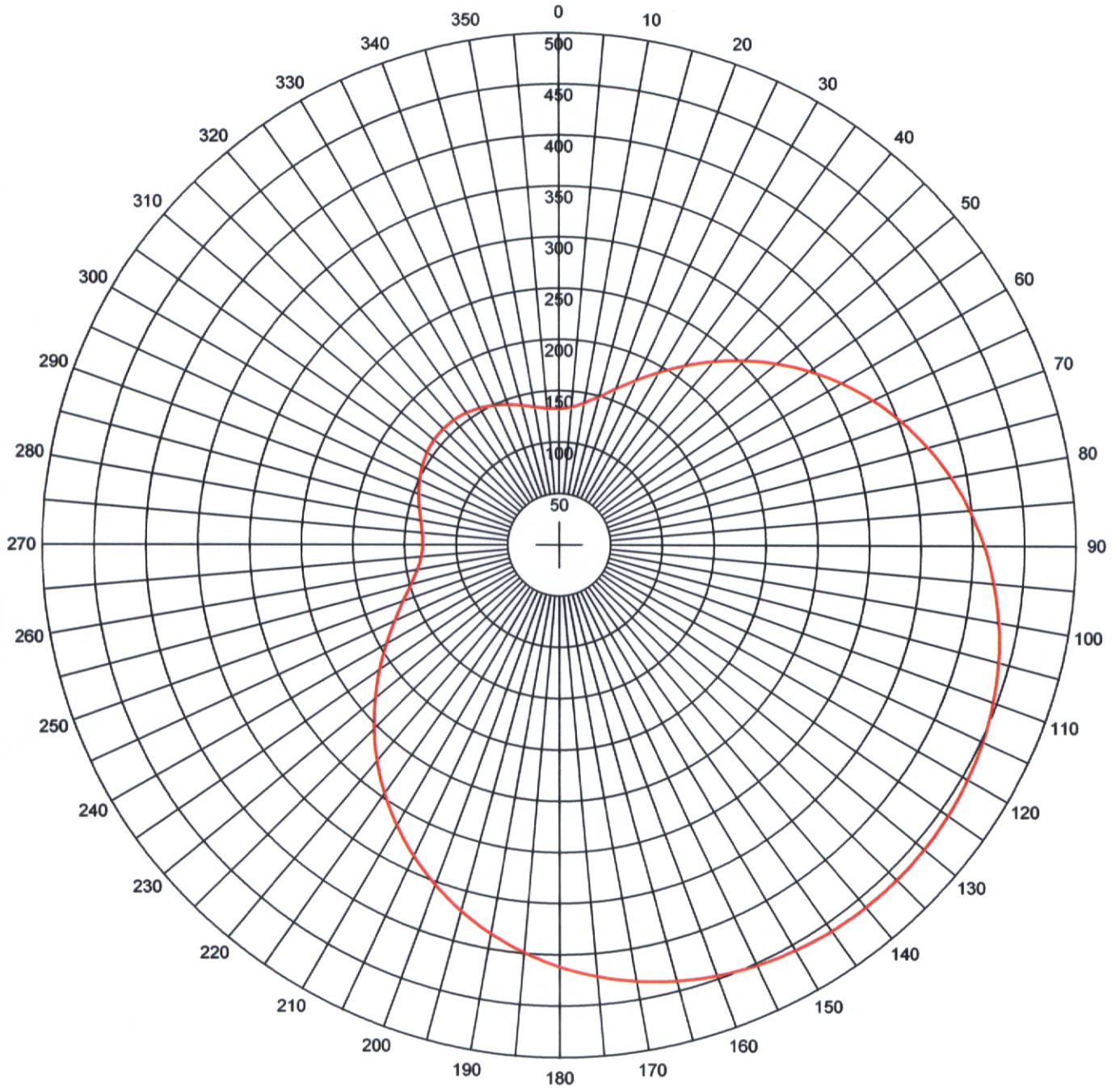


Proposed KULF Daytime/Critical Hours AM Directional Pattern



Theo RMS: 304.215 mV/m@1km

Theoretical Horizontal Plane Pattern

— 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	0.600	130.0	69.7	315.0	71.7	0	0	0.0	0.0	0.0	0.0

Call: KULF
 Freq: 1090 kHz
 Hours: U
 Lat: 29-56-05 N
 Lng: 006-06-47 W
 Power: 1.0 kW
 Theo RMS: 304.21 mV/m@1km
 @ 1.0 kW

Azim	Field [mV/m]
0.0	139.101
5.0	141.177
10.0	146.759
15.0	156.045
20.0	168.845
25.0	184.692
30.0	202.972
35.0	223.044
40.0	244.296
45.0	266.178
50.0	288.204
55.0	309.958
60.0	331.085
65.0	351.293
70.0	370.349
75.0	388.074
80.0	404.340
85.0	419.069
90.0	432.220
95.0	443.789
100.0	453.802
105.0	462.302
110.0	469.345
115.0	474.996
120.0	479.315
125.0	482.356
130.0	484.163
135.0	484.762
140.0	484.163
145.0	482.356
150.0	479.315
155.0	474.996
160.0	469.345
165.0	462.302
170.0	453.802
175.0	443.789
180.0	432.220
185.0	419.069
190.0	404.340
195.0	388.074
200.0	370.349

Azim	Field [mV/m]
205.0	351.293
210.0	331.085
215.0	309.958
220.0	288.204
225.0	266.178
230.0	244.296
235.0	223.044
240.0	202.972
245.0	184.692
250.0	168.845
255.0	156.045
260.0	146.759
265.0	141.177
270.0	139.101
275.0	139.967
280.0	142.976
285.0	147.275
290.0	152.088
295.0	156.781
300.0	160.874
305.0	164.022
310.0	165.996
315.0	166.668
320.0	165.996
325.0	164.022
330.0	160.874
335.0	156.781
340.0	152.088
345.0	147.275
350.0	142.976
355.0	139.967