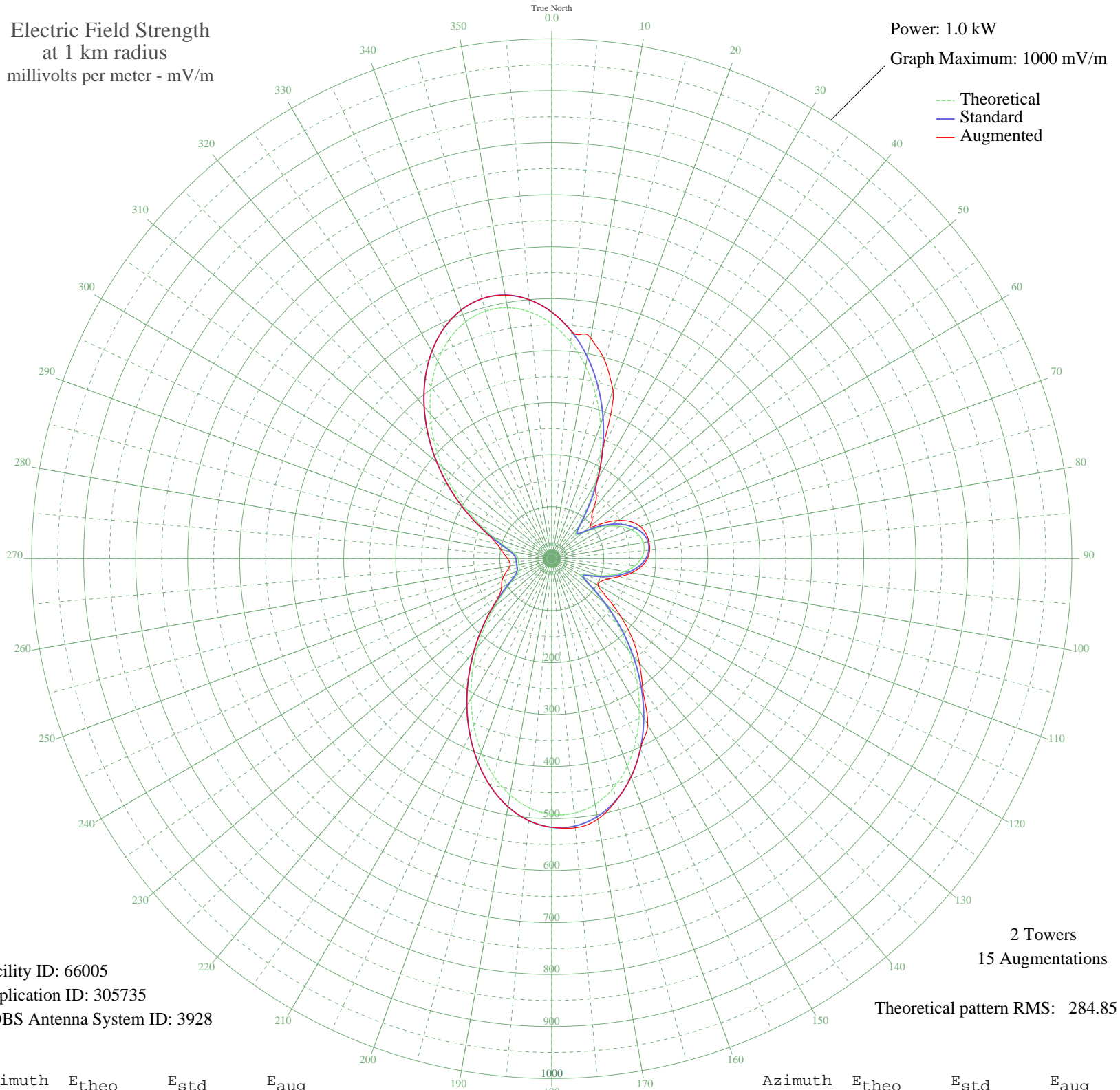


# WDLM EAST MOLINE, IL BL-- 960 kHz

Daytime

Electric Field Strength  
at 1 km radius  
millivolts per meter - mV/m

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 66005  
Application ID: 305735  
CDBS Antenna System ID: 3928

2 Towers  
15 Augmentations  
Theoretical pattern RMS: 284.85

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	451.62	474.32	474.32
5	417.43	438.43	438.43
10	375.16	394.06	431.51
15	326.74	343.24	394.39
20	274.36	288.27	344.74
25	220.40	231.66	231.66
30	167.48	176.16	176.16
35	118.91	125.29	149.03
40	80.53	85.21	124.91
45	64.34	68.37	109.52
50	76.27	80.76	95.50
55	100.60	106.15	117.54
60	125.42	132.10	146.91
65	146.62	154.31	168.12
70	162.85	171.32	181.04
75	173.62	182.60	187.45
80	178.74	187.97	189.72
85	178.17	187.37	189.06
90	171.91	180.81	183.79
95	160.03	168.36	173.14
100	142.75	150.26	156.46
105	120.67	127.14	133.92
110	95.48	100.80	114.82
115	72.29	76.63	104.12
120	65.14	69.20	102.49
125	86.92	91.87	129.10
130	128.06	134.87	173.86
135	177.84	187.02	220.28
140	231.20	242.98	262.34
145	285.04	299.48	304.77
150	336.82	353.81	369.31
155	384.18	403.52	403.52
160	424.97	446.34	446.34
165	457.34	480.33	481.10
170	479.85	503.95	509.12
175	491.54	516.23	519.71

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	492.09	516.80	516.80
185	481.74	505.93	505.93
190	461.33	484.51	484.51
195	432.20	453.94	453.94
200	396.07	416.00	416.00
205	354.88	372.77	372.77
210	310.70	326.41	326.41
215	265.59	279.07	279.07
220	221.50	232.81	232.81
225	180.22	189.52	189.52
230	143.41	150.95	150.95
235	112.64	118.74	123.39
240	89.33	94.38	111.41
245	74.34	78.76	105.93
250	66.98	71.11	98.21
255	64.65	68.69	88.51
260	64.33	68.36	81.24
265	64.34	68.37	81.16
270	64.87	68.91	84.96
275	67.95	72.11	91.06
280	76.68	81.19	99.08
285	93.34	98.57	109.08
290	118.24	124.60	127.34
295	150.34	158.20	158.20
300	188.17	197.85	197.85
305	230.15	241.88	241.88
310	274.60	288.52	288.52
315	319.68	335.83	335.83
320	363.42	381.74	381.74
325	403.76	424.08	424.08
330	438.65	460.70	460.70
335	466.16	489.58	489.58
340	484.65	508.99	508.99
345	492.87	517.61	517.61
350	490.09	514.70	514.70
355	476.19	500.11	500.11