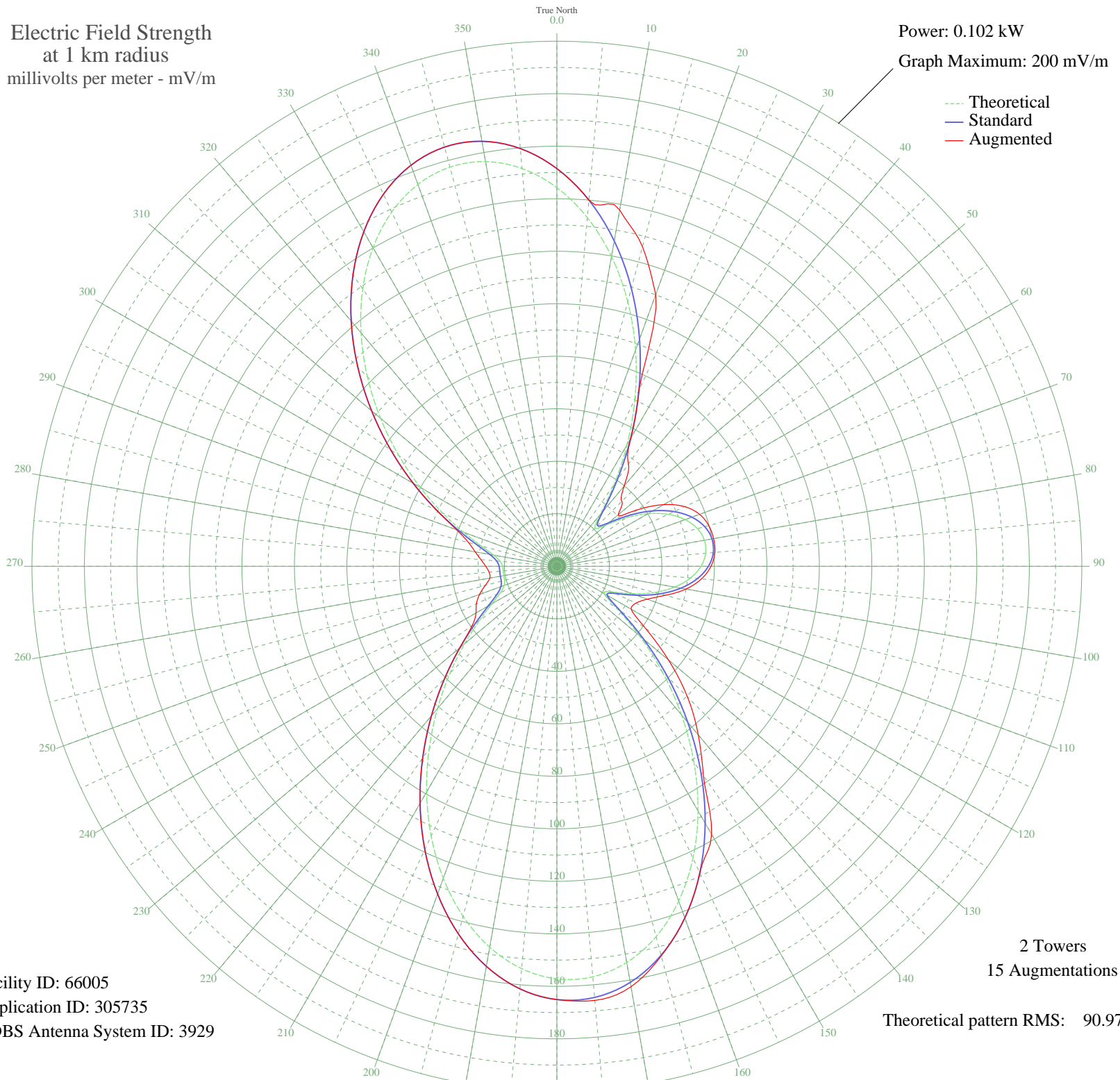


# WDLM EAST MOLINE, IL BL-- 960 kHz

Nighttime

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

Power: 0.102 kW  
Graph Maximum: 200 mV/m



Facility ID: 66005  
Application ID: 305735  
CDBS Antenna System ID: 3929

2 Towers  
15 Augmentations  
Theoretical pattern RMS: 90.97

Azimuth	Etheo	Estd	Eaug
0	144.23	151.48	151.48
5	133.31	140.02	140.02
10	119.81	125.85	137.81
15	104.35	109.62	126.00
20	87.62	92.06	110.10
25	70.39	73.98	73.98
30	53.49	56.26	56.26
35	37.97	40.01	47.58
40	25.72	27.21	39.87
45	20.55	21.84	35.00
50	24.36	25.79	30.52
55	32.13	33.90	37.57
60	40.05	42.19	46.96
65	46.83	49.28	53.73
70	52.01	54.71	57.86
75	55.45	58.32	59.91
80	57.08	60.03	60.64
85	56.90	59.84	60.43
90	54.90	57.74	58.72
95	51.11	53.77	55.29
100	45.59	47.99	49.94
105	38.54	40.60	42.74
110	30.49	32.19	36.64
115	23.09	24.47	33.23
120	20.80	22.10	32.71
125	27.76	29.34	41.22
130	40.90	43.07	55.53
135	56.79	59.73	70.36
140	73.83	77.60	83.78
145	91.03	95.64	97.33
150	107.57	112.99	117.90
155	122.69	128.87	128.87
160	135.72	142.54	142.54
165	146.06	153.40	153.65
170	153.24	160.94	162.62
175	156.98	164.86	165.99

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	157.15	165.04	165.04
185	153.85	161.58	161.58
190	147.33	154.73	154.73
195	138.03	144.97	144.97
200	126.49	132.86	132.86
205	113.33	119.05	119.05
210	99.23	104.24	104.24
215	84.82	89.12	89.12
220	70.74	74.35	74.35
225	57.55	60.52	60.52
230	45.80	48.21	48.21
235	35.97	37.92	39.40
240	28.53	30.14	35.57
245	23.74	25.15	33.82
250	21.39	22.71	31.36
255	20.65	21.94	28.26
260	20.55	21.83	25.95
265	20.55	21.84	25.92
270	20.72	22.01	27.11
275	21.70	23.03	29.04
280	24.49	25.93	31.61
285	29.81	31.48	34.82
290	37.76	39.79	40.66
295	48.01	50.52	50.52
300	60.09	63.19	63.19
305	73.50	77.25	77.25
310	87.70	92.14	92.14
315	102.09	107.25	107.25
320	116.06	121.91	121.91
325	128.95	135.44	135.44
330	140.09	147.13	147.13
335	148.87	156.35	156.35
340	154.78	162.55	162.55
345	157.40	165.31	165.31
350	156.52	164.38	164.38
355	152.08	159.71	159.71