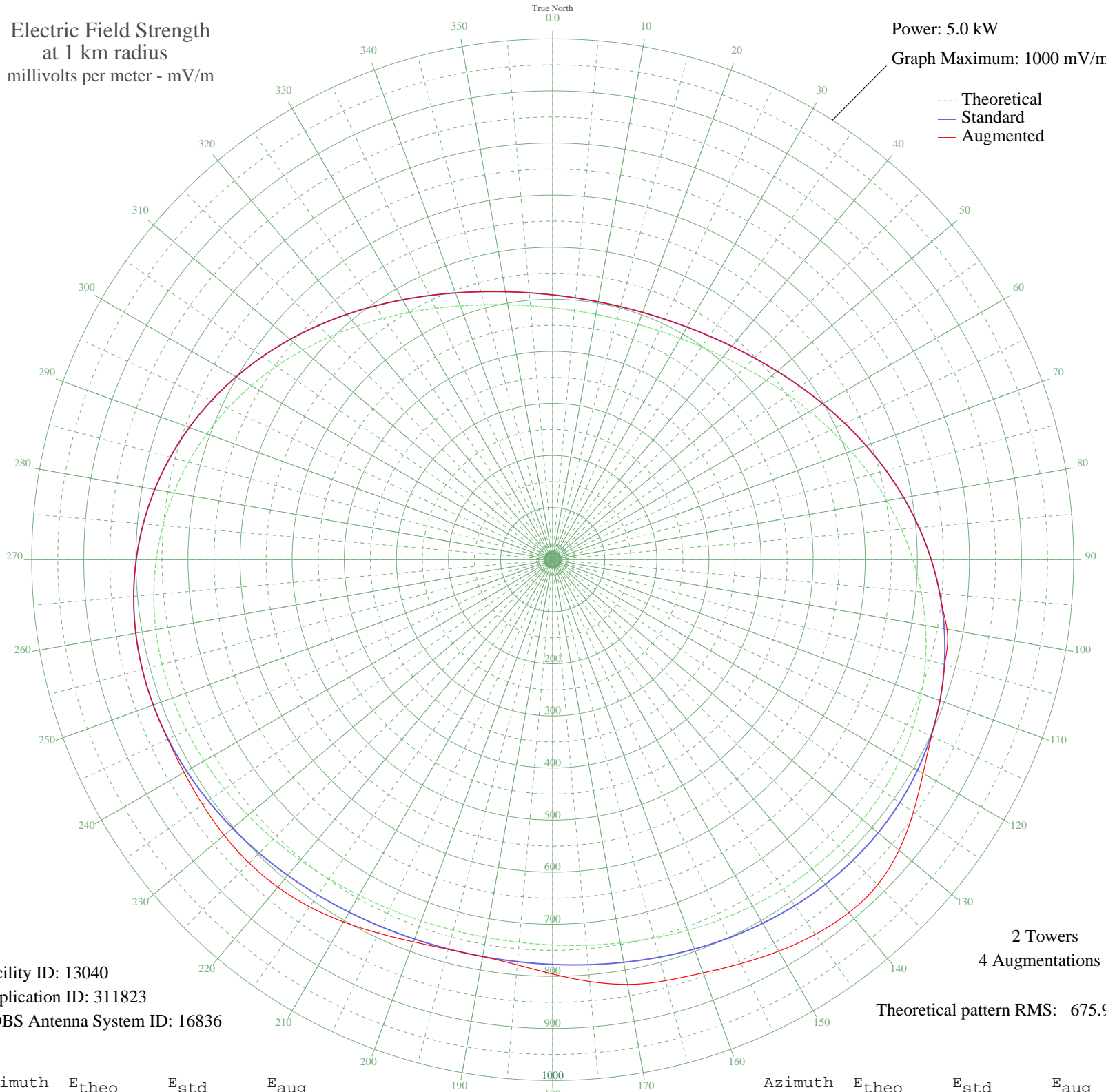


# WIRL PEORIA, IL BL-- 1290 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 13040  
Application ID: 311823  
CDBS Antenna System ID: 16836

2 Towers  
4 Augmentations  
Theoretical pattern RMS: 675.92

Azimuth	Etheo	Estd	Eaug
0	483.60	508.32	508.32
5	479.96	504.51	504.51
10	478.25	502.71	502.71
15	478.44	502.91	502.91
20	480.53	505.11	505.11
25	484.56	509.33	509.33
30	490.59	515.65	515.65
35	498.66	524.12	524.12
40	508.83	534.79	534.79
45	521.11	547.67	547.67
50	535.44	562.70	562.70
55	551.69	579.75	579.75
60	569.64	598.59	598.59
65	589.00	618.90	618.90
70	609.39	640.29	640.29
75	630.35	662.28	662.28
80	651.39	684.37	684.37
85	672.03	706.02	706.02
90	691.75	726.71	726.71
95	710.09	745.96	745.96
100	726.64	763.33	768.73
105	741.07	778.48	779.04
110	753.15	791.15	791.15
115	762.71	801.19	802.28
120	769.74	808.56	820.98
125	774.27	813.33	845.18
130	776.48	815.64	867.90
135	776.58	815.75	882.44
140	774.89	813.97	884.60
145	771.74	810.66	878.50
150	767.51	806.22	867.97
155	762.58	801.05	855.56
160	757.34	795.55	844.33
165	752.14	790.09	836.86
170	747.30	785.02	828.01
175	743.12	780.62	812.96

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	739.80	777.15	795.55
185	737.54	774.77	780.92
190	736.44	773.62	773.80
195	736.57	773.75	774.62
200	737.90	775.15	780.93
205	740.39	777.76	791.26
210	743.89	781.44	803.03
215	748.23	785.99	813.54
220	753.16	791.16	820.77
225	758.39	796.66	823.85
230	763.60	802.13	823.18
235	768.42	807.18	820.20
240	772.47	811.43	816.95
245	775.36	814.46	815.28
250	776.72	815.89	815.89
255	776.21	815.36	815.36
260	773.56	812.58	812.58
265	768.53	807.30	807.30
270	761.00	799.40	799.40
275	750.93	788.82	788.82
280	738.37	775.64	775.64
285	723.49	760.03	760.03
290	706.55	742.25	742.25
295	687.90	722.67	722.67
300	667.96	701.75	701.75
305	647.20	679.97	679.97
310	626.13	657.86	657.86
315	605.25	635.94	635.94
320	585.04	614.74	614.74
325	565.93	594.69	594.69
330	548.29	576.19	576.19
335	532.41	559.53	559.53
340	518.49	544.92	544.92
345	506.63	532.48	532.48
350	496.88	522.25	522.25
355	489.22	514.22	514.22