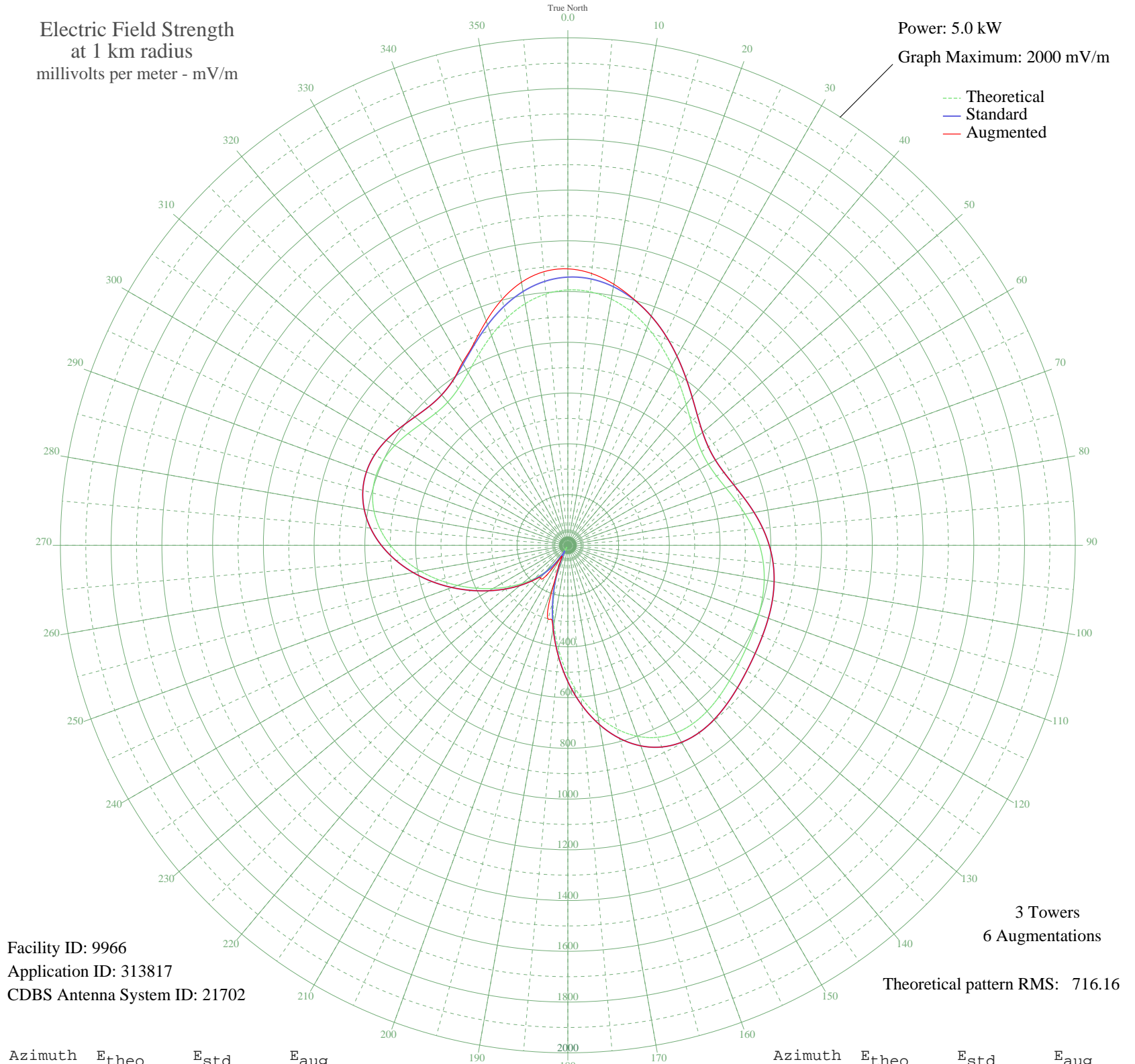


# WNFL GREEN BAY, WI BL-- 1440 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 9966  
Application ID: 313817  
CDBS Antenna System ID: 21702

Theoretical pattern RMS: 716.16  
3 Towers  
6 Augmentations

Azimuth	Etheo	Estd	Eaug
0	1006.44	1057.02	1089.52
5	1003.19	1053.61	1075.31
10	985.34	1034.87	1044.70
15	954.98	1003.00	1004.55
20	914.95	960.99	960.99
25	868.56	912.29	912.29
30	819.25	860.53	860.53
35	770.49	809.36	809.36
40	725.65	762.30	762.30
45	687.87	722.64	722.64
50	659.84	693.23	693.23
55	643.44	676.02	676.02
60	639.26	671.64	671.64
65	646.40	679.13	679.13
70	662.61	696.13	696.13
75	684.77	719.39	719.39
80	709.57	745.41	745.41
85	733.99	771.05	771.05
90	755.69	793.82	793.82
95	773.19	812.19	812.19
100	786.02	825.65	825.65
105	794.67	834.73	834.73
110	800.51	840.86	840.86
115	805.47	846.07	846.07
120	811.52	852.42	852.42
125	820.02	861.34	861.34
130	831.09	872.96	872.96
135	843.27	885.74	885.74
140	853.64	896.63	896.63
145	858.34	901.56	901.56
150	853.27	896.24	896.24
155	834.87	876.93	876.93
160	800.69	841.05	841.05
165	749.77	787.61	787.61
170	682.79	717.31	717.31
175	601.94	632.47	632.47

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	510.70	536.75	537.10
185	413.38	434.69	436.16
190	314.61	331.17	334.55
195	218.77	230.91	301.10
200	129.56	138.05	158.87
205	49.54	57.07	70.36
210	21.37	32.48	56.71
215	81.64	88.88	137.26
220	135.02	143.71	166.81
225	184.45	195.09	197.61
230	233.42	246.21	246.21
235	284.83	299.99	299.99
240	340.28	358.06	358.06
245	399.90	420.55	420.55
250	462.59	486.28	486.28
255	526.39	553.21	553.21
260	588.90	618.79	618.79
265	647.52	680.30	680.30
270	699.69	735.05	735.05
275	743.07	780.58	780.58
280	775.72	814.84	814.84
285	796.31	836.45	836.45
290	804.38	844.93	844.93
295	800.66	841.02	841.02
300	787.33	827.03	827.03
305	768.30	807.06	807.06
310	749.14	786.94	786.94
315	736.48	773.66	773.66
320	736.58	773.77	773.77
325	753.17	791.17	791.17
330	785.88	825.51	831.00
335	830.38	872.21	877.04
340	879.97	924.26	940.50
345	927.56	974.22	1002.80
350	967.09	1015.72	1052.58
355	994.20	1044.17	1082.43