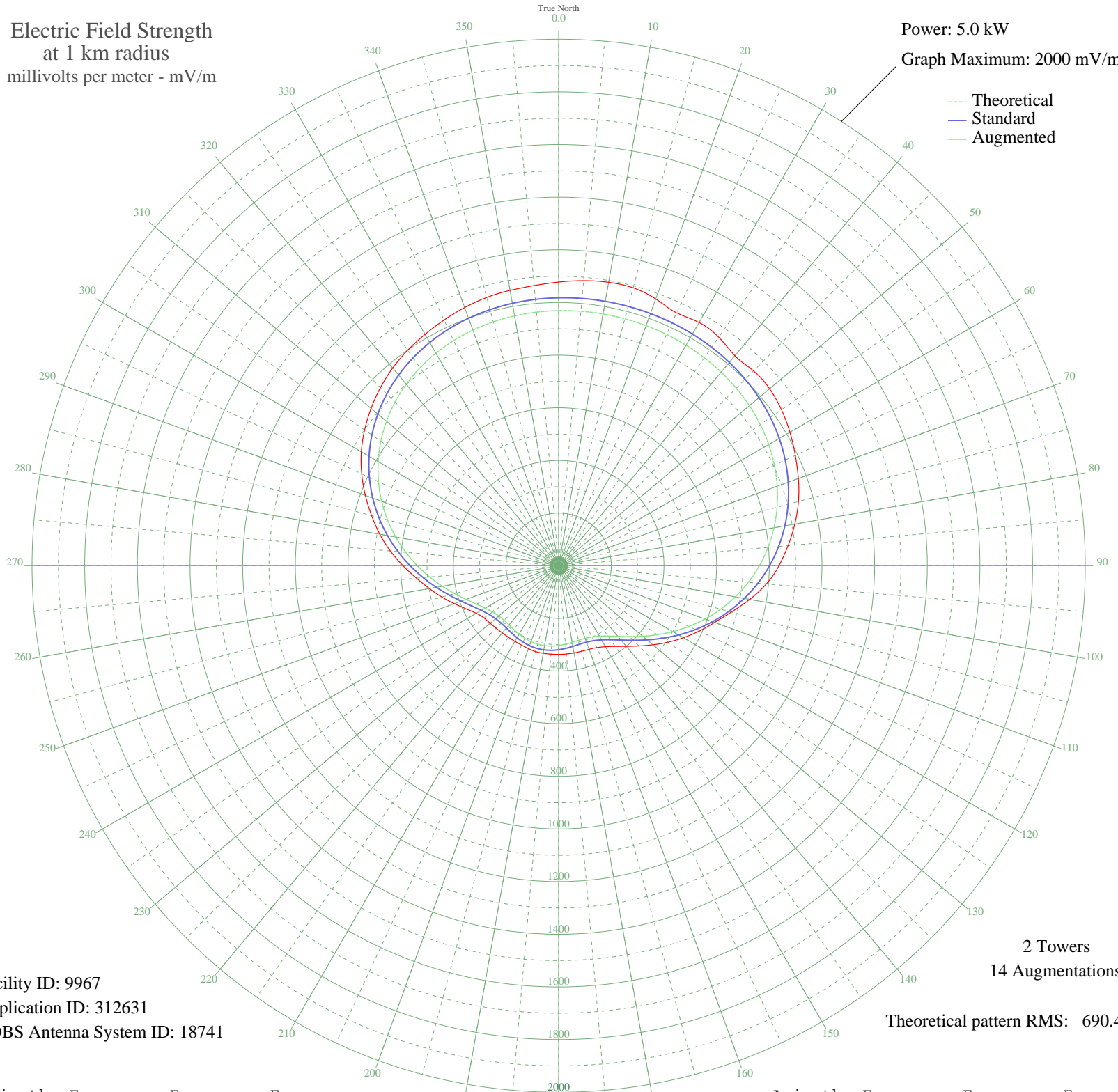


# WHBL SHEBOYGAN, WI BL-- 1330 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 9967  
Application ID: 312631  
CDBS Antenna System ID: 18741

2 Towers  
14 Augmentations

Theoretical pattern RMS: 690.41

Azimuth	Etheo	Estd	Eaug
0	969.14	1017.86	1077.54
5	970.45	1019.24	1087.02
10	971.08	1019.91	1093.24
15	971.14	1019.96	1092.97
20	970.62	1019.43	1078.49
25	969.46	1018.20	1060.10
30	967.48	1016.12	1066.83
35	964.44	1012.93	1059.83
40	960.02	1008.30	1041.38
45	953.87	1001.84	1046.81
50	945.58	993.14	1046.07
55	934.76	981.77	1033.16
60	920.99	967.32	1014.22
65	903.93	949.41	991.82
70	883.27	927.74	968.83
75	858.83	902.08	942.80
80	830.50	872.34	910.69
85	798.32	838.56	874.53
90	762.48	800.94	836.86
95	723.31	759.84	792.19
100	681.32	715.78	736.72
105	637.17	669.44	679.40
110	591.66	621.68	630.17
115	545.73	573.50	588.16
120	500.47	526.02	547.02
125	457.06	480.48	506.65
130	416.73	438.20	467.27
135	380.76	400.49	431.18
140	350.31	368.57	399.82
145	326.25	343.37	374.25
150	309.02	325.32	355.28
155	298.40	314.20	343.30
160	293.53	309.10	337.96
165	293.06	308.60	336.59
170	295.45	311.11	336.36
175	299.24	315.07	336.53

Azimuth	Etheo	Estd	Eaug
180	303.20	319.22	336.80
185	306.41	322.58	337.15
190	308.25	324.51	337.65
195	308.43	324.70	337.70
200	306.90	323.10	335.19
205	303.92	319.98	332.91
210	300.05	315.93	331.82
215	296.14	311.83	331.91
220	293.35	308.92	333.14
225	293.13	308.68	335.67
230	297.01	312.74	339.73
235	306.39	322.56	345.95
240	322.26	339.18	361.34
245	344.96	362.97	387.65
250	374.20	393.61	421.51
255	409.15	430.25	459.29
260	448.70	471.72	498.52
265	491.60	516.72	542.15
270	536.59	563.91	591.07
275	582.47	612.05	641.41
280	628.15	659.97	689.79
285	672.64	706.67	735.37
290	715.12	751.24	781.18
295	754.90	792.99	825.29
300	791.43	831.34	865.30
305	824.37	865.90	899.56
310	853.47	896.46	929.79
315	878.69	922.93	957.02
320	900.09	945.39	980.48
325	917.85	964.03	999.52
330	932.25	979.14	1014.83
335	943.63	991.09	1029.83
340	952.40	1000.29	1043.81
345	958.94	1007.16	1055.09
350	963.67	1012.13	1062.17
355	966.96	1015.58	1068.27

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission