

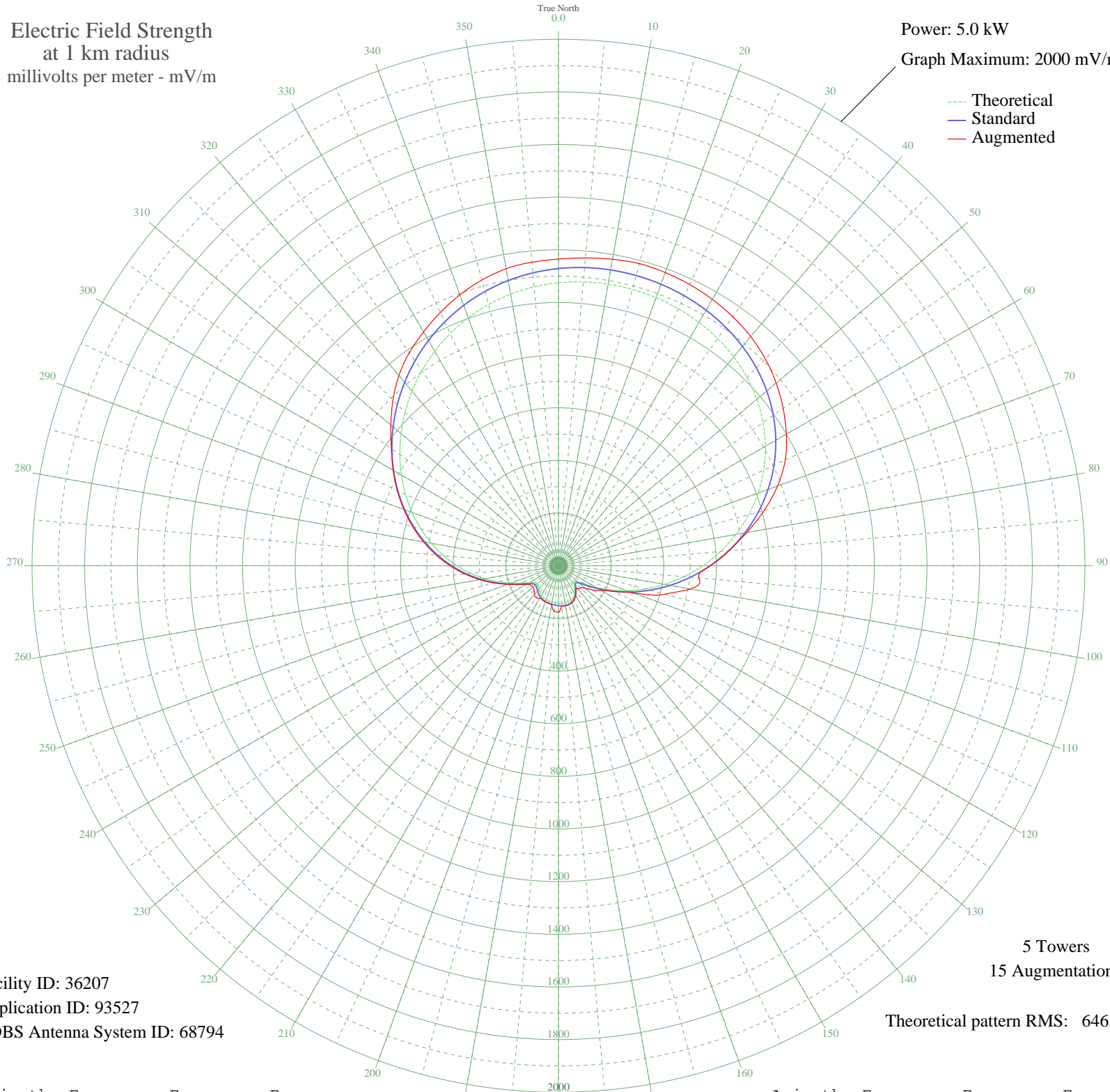
WKTY LA CROSSE, WI BL-19861021AL 580 kHz

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: 36207  
Application ID: 93527  
CDBS Antenna System ID: 68794

5 Towers  
15 Augmentations

Theoretical pattern RMS: 646.96

Azimuth	Etheo	Estd	Eaug
0	1074.93	1128.93	1164.92
5	1082.53	1136.90	1173.56
10	1086.34	1140.89	1182.15
15	1086.63	1141.21	1187.98
20	1083.60	1138.02	1185.38
25	1077.24	1131.35	1178.78
30	1067.37	1120.99	1168.57
35	1053.61	1106.54	1154.50
40	1035.42	1087.44	1136.11
45	1012.21	1063.08	1111.32
50	983.40	1032.84	1079.54
55	948.56	996.27	1041.85
60	907.43	953.09	999.66
65	860.02	903.33	950.61
70	806.64	847.29	885.81
75	747.85	785.59	808.44
80	684.51	719.11	726.21
85	617.67	648.98	648.98
90	548.58	576.49	576.49
95	478.55	503.02	536.01
100	408.95	430.04	508.80
105	341.21	359.04	418.43
110	276.76	291.55	301.34
115	217.20	229.27	229.27
120	164.54	174.35	186.80
125	121.80	130.03	160.93
130	93.90	101.35	132.49
135	85.49	92.79	119.09
140	93.24	100.68	113.68
145	107.49	115.28	115.28
150	121.52	129.74	129.74
155	132.54	141.13	141.13
160	139.80	148.65	148.65
165	143.57	152.56	152.56
170	144.63	153.67	153.67
175	144.00	153.01	153.56

Azimuth	Etheo	Estd	Eaug
180	142.61	151.57	177.03
185	141.14	150.05	173.97
190	139.83	148.69	150.74
195	138.48	147.29	147.29
200	136.59	145.32	145.32
205	133.57	142.21	142.21
210	129.01	137.48	143.26
215	122.83	131.09	147.87
220	115.64	123.67	141.90
225	109.12	116.95	130.82
230	106.46	114.22	127.14
235	111.88	119.80	128.73
240	128.43	136.88	141.62
245	156.07	165.55	168.21
250	192.72	203.72	205.86
255	235.92	248.83	252.49
260	283.57	298.68	303.56
265	333.98	351.47	357.13
270	385.83	405.80	411.75
275	438.12	460.62	466.40
280	490.14	515.18	520.39
285	541.42	568.98	573.35
290	591.72	621.75	625.12
295	640.89	673.35	675.69
300	688.85	723.67	725.09
305	735.50	772.63	775.12
310	780.69	820.06	831.38
315	824.17	865.70	889.37
320	865.61	909.20	943.06
325	904.60	950.12	987.88
330	940.67	987.98	1025.43
335	973.34	1022.28	1061.80
340	1002.21	1052.58	1095.22
345	1026.93	1078.53	1123.61
350	1047.30	1099.91	1145.45
355	1063.27	1116.68	1157.23

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