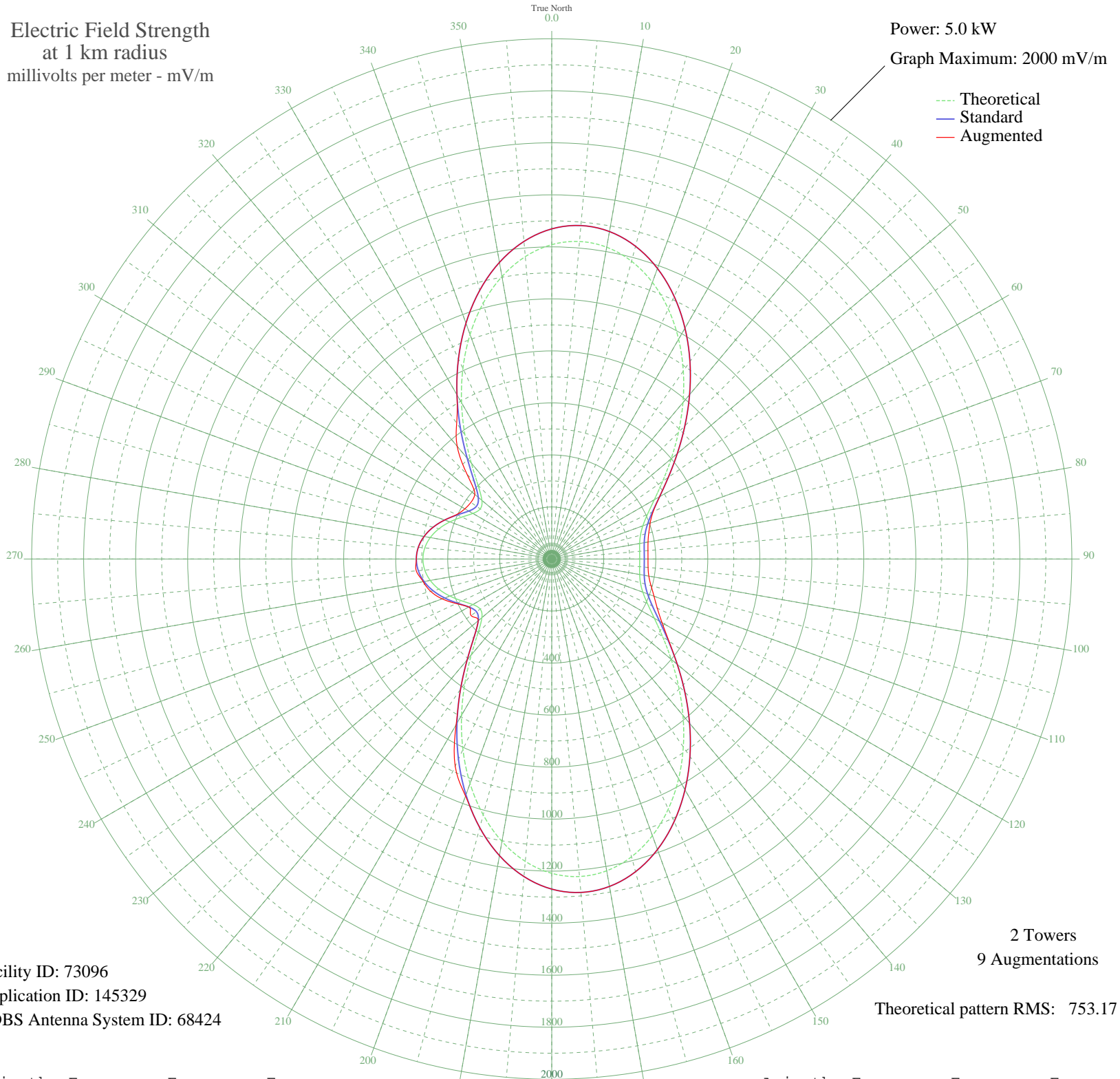


# WMIX MOUNT VERNON, IL BL-19900222AB 940 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 73096  
Application ID: 145329  
CDBS Antenna System ID: 68424

2 Towers  
9 Augmentations  
Theoretical pattern RMS: 753.17

Azimuth	Etheo	Estd	Eaug
0	1208.47	1269.11	1269.11
5	1225.31	1286.80	1286.80
10	1217.19	1278.27	1278.27
15	1185.22	1244.70	1244.70
20	1131.83	1188.65	1188.65
25	1060.53	1113.81	1113.81
30	975.68	1024.74	1024.74
35	882.13	926.53	926.53
40	784.95	824.53	824.53
45	689.18	724.03	724.03
50	599.62	630.04	630.04
55	520.53	547.07	547.07
60	455.36	478.71	478.71
65	406.14	427.10	430.34
70	372.84	392.19	402.68
75	353.16	371.57	386.24
80	343.28	361.21	376.03
85	339.23	356.97	371.44
90	338.21	355.90	370.15
95	339.23	356.97	371.89
100	343.28	361.21	379.07
105	353.16	371.57	395.25
110	372.84	392.19	418.43
115	406.14	427.10	447.85
120	455.36	478.71	489.69
125	520.53	547.07	549.91
130	599.62	630.04	630.04
135	689.18	724.03	724.03
140	784.94	824.53	824.53
145	882.12	926.53	926.53
150	975.68	1024.73	1024.73
155	1060.53	1113.81	1113.81
160	1131.83	1188.65	1188.65
165	1185.22	1244.70	1244.70
170	1217.19	1278.27	1278.27
175	1225.31	1286.80	1286.80

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	1208.47	1269.11	1269.11
185	1166.96	1225.53	1225.53
190	1102.52	1157.88	1157.88
195	1018.24	1069.41	1069.41
200	918.38	964.59	969.58
205	808.19	848.93	878.59
210	693.76	728.83	735.42
215	582.06	611.62	611.62
220	481.22	505.83	505.83
225	400.78	421.48	421.48
230	350.64	368.92	368.92
235	335.74	353.32	379.08
240	350.30	368.57	368.57
245	381.25	401.00	405.27
250	416.71	438.19	448.35
255	449.12	472.16	481.61
260	474.27	498.54	501.98
265	490.02	515.06	523.04
270	495.37	520.67	520.67
275	490.02	515.06	515.06
280	474.27	498.54	498.54
285	449.12	472.16	472.16
290	416.71	438.19	438.19
295	381.25	401.00	403.99
300	350.30	368.57	385.76
305	335.74	353.32	379.45
310	350.64	368.92	386.10
315	400.78	421.48	460.61
320	481.22	505.83	565.76
325	582.06	611.62	637.33
330	693.76	728.83	728.83
335	808.19	848.93	848.93
340	918.38	964.59	964.59
345	1018.24	1069.41	1069.41
350	1102.52	1157.88	1157.88
355	1166.96	1225.53	1225.53