

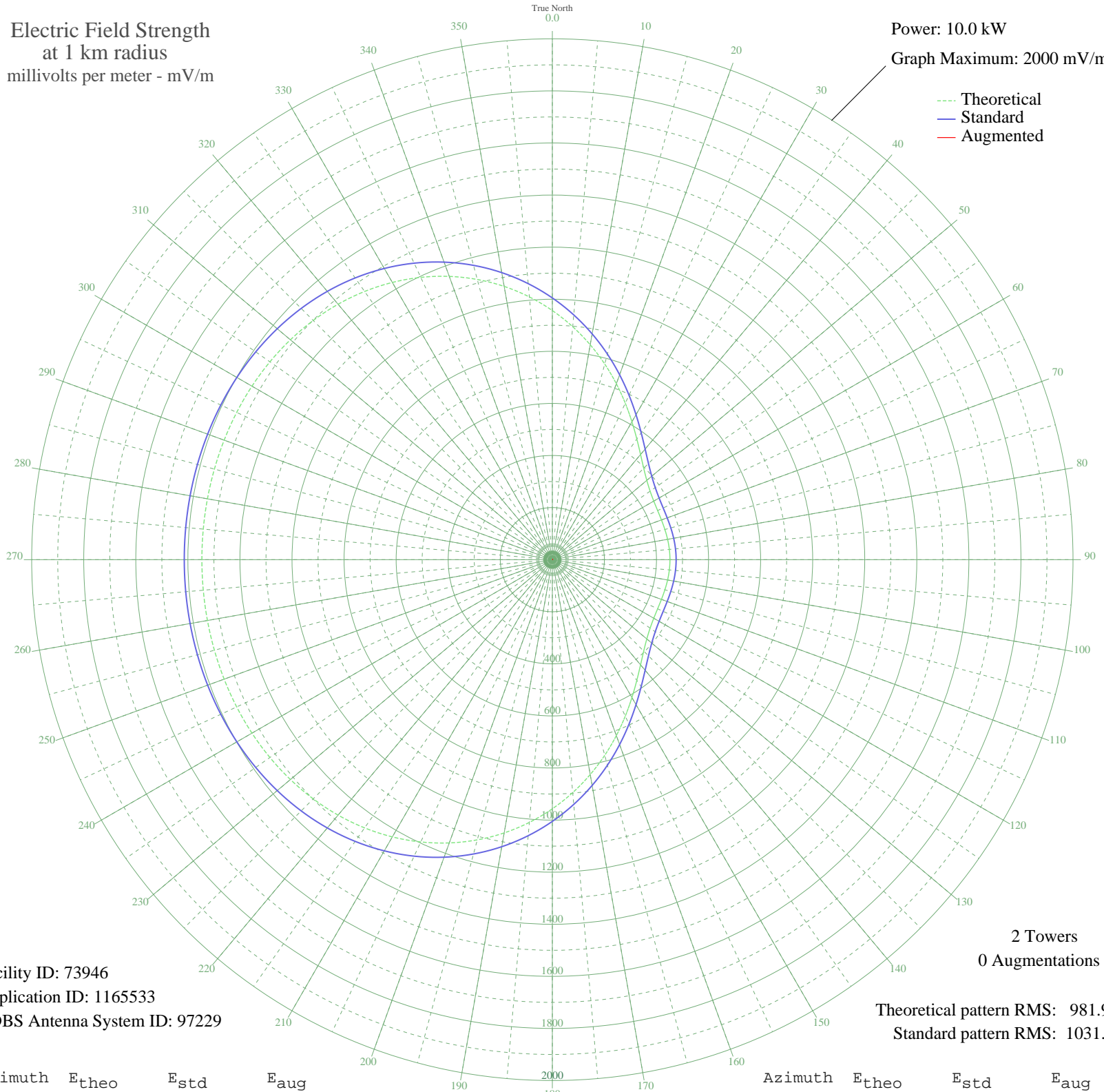
WRIG SCHOFIELD, WI BL-20060922AFV 1390 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 73946
Application ID: 1165533
CDBS Antenna System ID: 97229

2 Towers
0 Augmentations

Theoretical pattern RMS: 981.96
Standard pattern RMS: 1031.59

Azimuth	E _{theo}	E _{std}	E _{aug}
0	956.62	1005.00	
5	897.92	943.40	
10	837.82	880.34	
15	777.65	817.21	
20	718.84	755.51	
25	662.91	696.85	
30	611.40	642.83	
35	565.74	594.96	
40	527.14	554.49	
45	496.37	522.25	
50	473.66	498.45	
55	458.52	482.59	
60	449.88	473.54	
65	446.25	469.74	
70	445.97	469.45	
75	447.51	471.05	
80	449.55	473.20	
85	451.16	474.88	
90	451.76	475.51	
95	451.16	474.88	
100	449.55	473.20	
105	447.51	471.05	
110	445.97	469.45	
115	446.25	469.74	
120	449.88	473.54	
125	458.52	482.59	
130	473.66	498.45	
135	496.37	522.25	
140	527.14	554.49	
145	565.74	594.96	
150	611.40	642.83	
155	662.91	696.85	
160	718.84	755.51	
165	777.65	817.21	
170	837.82	880.34	
175	897.92	943.40	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	956.62	1005.00	
185	1012.78	1063.94	
190	1065.45	1119.21	
195	1113.85	1170.02	
200	1157.47	1215.79	
205	1195.96	1256.19	
210	1229.20	1291.09	
215	1257.27	1320.55	
220	1280.40	1344.83	
225	1298.97	1364.32	
230	1313.44	1379.51	
235	1324.36	1390.97	
240	1332.31	1399.32	
245	1337.87	1405.15	
250	1341.57	1409.04	
255	1343.91	1411.50	
260	1345.28	1412.93	
265	1345.98	1413.67	
270	1346.19	1413.89	
275	1345.98	1413.67	
280	1345.28	1412.93	
285	1343.91	1411.50	
290	1341.57	1409.04	
295	1337.87	1405.15	
300	1332.31	1399.32	
305	1324.36	1390.97	
310	1313.44	1379.51	
315	1298.97	1364.32	
320	1280.40	1344.83	
325	1257.27	1320.55	
330	1229.20	1291.09	
335	1195.96	1256.19	
340	1157.47	1215.79	
345	1113.85	1170.02	
350	1065.45	1119.21	
355	1012.78	1063.94	

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