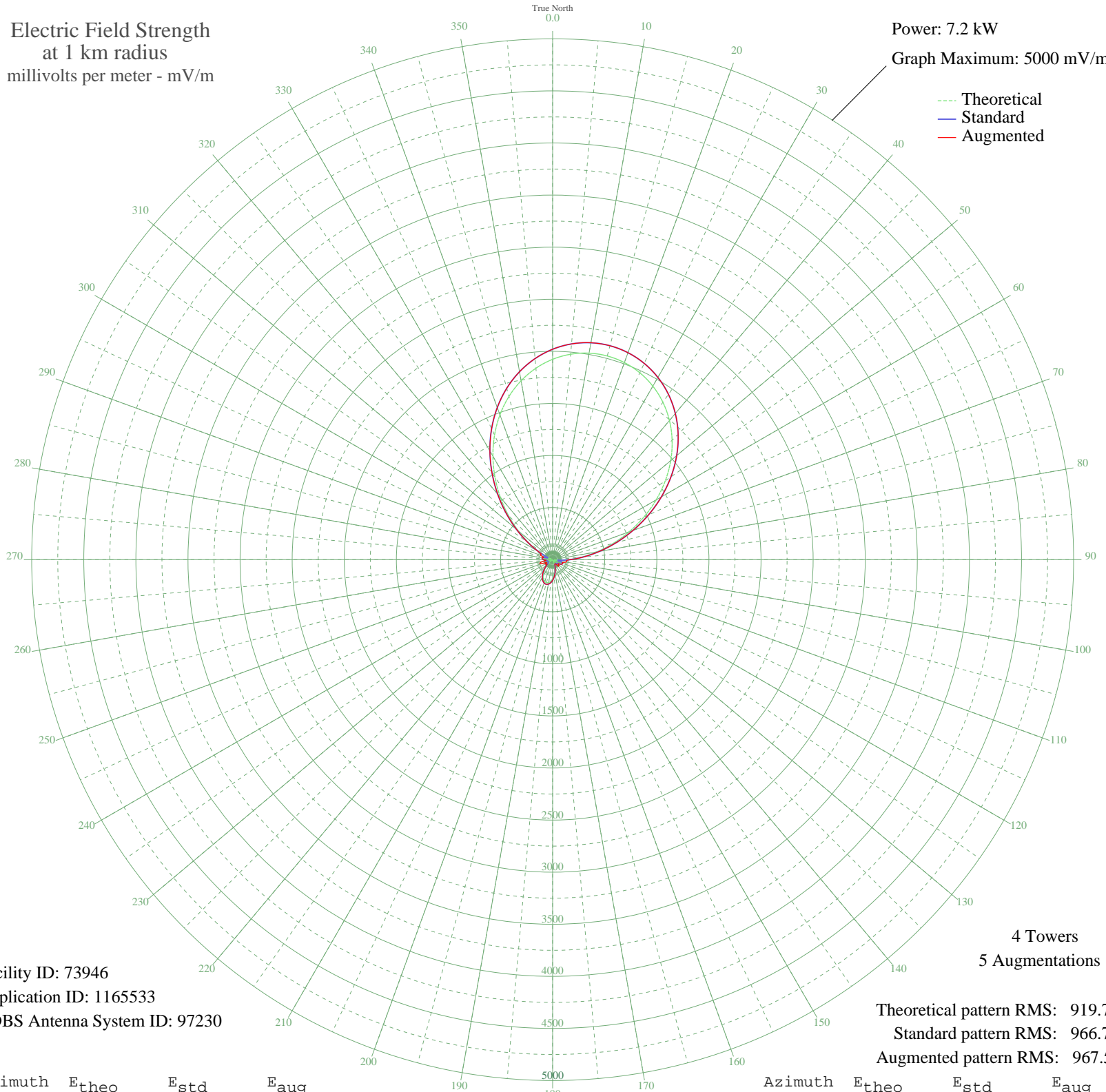


WRIG SCHOFIELD, WI 3L-20060922AFV 1390 kHz

Nighttime

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

Power: 7.2 kW  
Graph Maximum: 5000 mV/m



Facility ID: 73946  
Application ID: 1165533  
CDBS Antenna System ID: 97230

4 Towers  
5 Augmentations

Theoretical pattern RMS: 919.75  
Standard pattern RMS: 966.78  
Augmented pattern RMS: 967.52

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1923.43	2020.10	2020.10
5	1979.55	2079.01	2079.01
10	2013.15	2114.28	2114.28
15	2024.34	2126.03	2126.03
20	2013.15	2114.28	2114.28
25	1979.55	2079.01	2079.01
30	1923.43	2020.10	2020.10
35	1844.79	1937.55	1937.55
40	1743.90	1831.64	1831.64
45	1621.54	1703.20	1703.20
50	1479.26	1553.87	1553.87
55	1319.66	1386.36	1386.36
60	1146.46	1204.62	1204.62
65	964.62	1013.84	1013.84
70	780.13	820.37	820.37
75	599.77	631.35	631.35
80	430.53	454.27	454.27
85	279.07	296.43	296.43
90	151.03	164.80	164.80
95	51.02	69.85	132.81
100	26.50	52.76	131.61
105	68.46	84.71	102.42
110	87.18	101.93	101.93
115	85.94	100.76	100.76
120	70.92	86.92	86.92
125	49.19	68.39	68.39
130	28.63	53.97	68.85
135	18.96	49.05	87.00
140	20.17	49.58	76.95
145	17.79	48.56	49.88
150	5.94	45.26	45.26
155	15.72	47.77	47.77
160	45.37	65.41	65.41
165	80.26	95.45	95.45
170	117.12	130.89	130.89
175	152.65	166.43	166.43

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	183.79	198.12	198.12
185	207.97	222.92	222.92
190	223.28	238.69	238.69
195	228.51	244.09	244.09
200	223.28	238.69	238.69
205	207.97	222.92	222.92
210	183.79	198.11	198.11
215	152.65	166.43	166.43
220	117.12	130.89	130.89
225	80.26	95.45	95.45
230	45.37	65.41	67.33
235	15.72	47.77	75.40
240	5.94	45.26	80.46
245	17.79	48.56	63.12
250	20.17	49.58	108.53
255	18.96	49.05	127.67
260	28.63	53.97	88.50
265	49.19	68.39	68.39
270	70.92	86.92	86.92
275	85.94	100.76	100.76
280	87.18	101.93	101.93
285	68.46	84.71	87.91
290	26.50	52.76	123.18
295	51.02	69.85	122.12
300	151.03	164.80	164.80
305	279.07	296.43	296.43
310	430.53	454.28	454.28
315	599.77	631.35	631.35
320	780.14	820.37	820.37
325	964.62	1013.84	1013.84
330	1146.46	1204.62	1204.62
335	1319.66	1386.37	1386.37
340	1479.26	1553.87	1553.87
345	1621.54	1703.20	1703.20
350	1743.90	1831.65	1831.65
355	1844.79	1937.55	1937.55