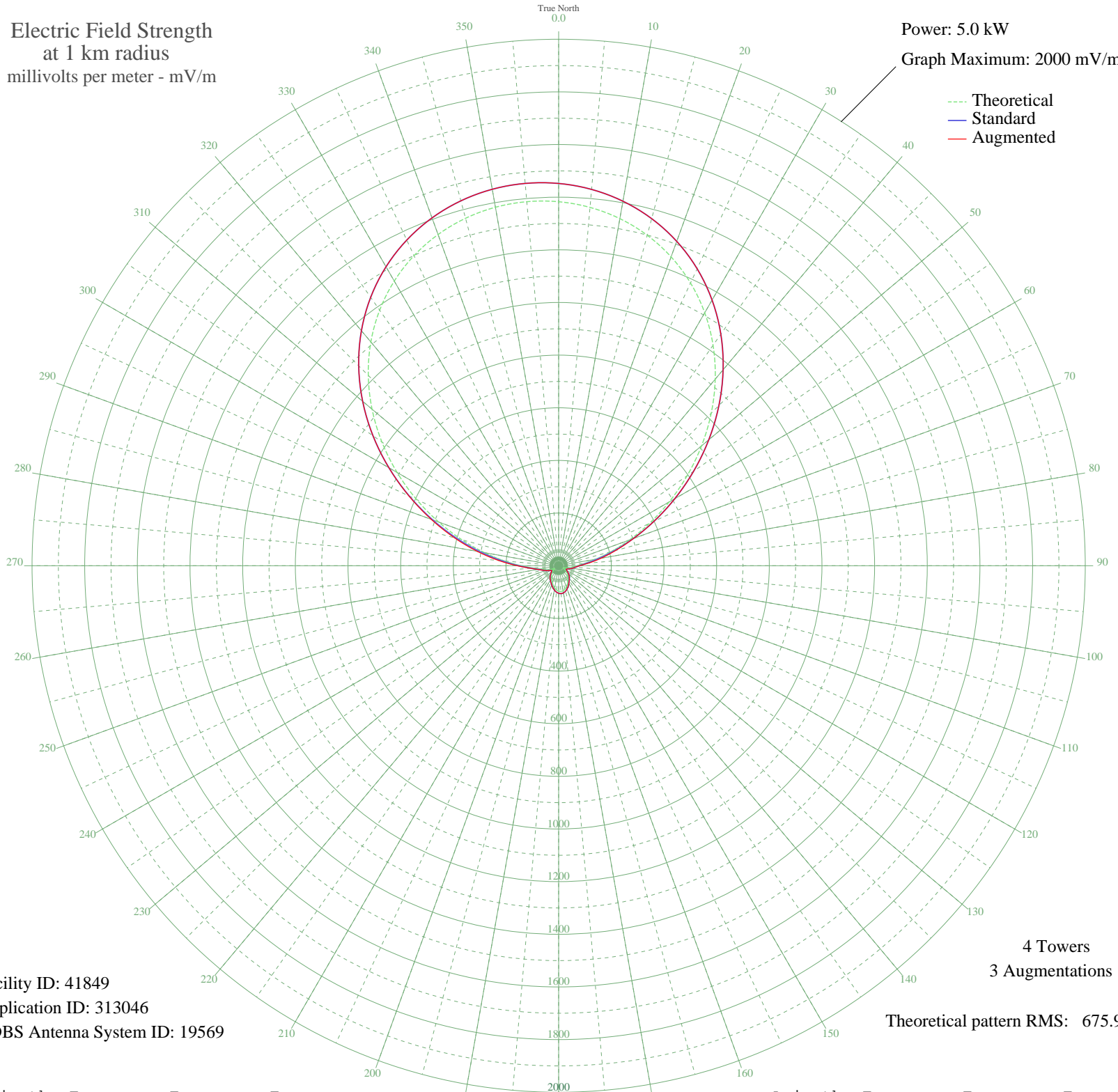


# WIOU KOKOMO, IN BL-- 1350 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 41849  
Application ID: 313046  
CDBS Antenna System ID: 19569

4 Towers  
3 Augmentations

Theoretical pattern RMS: 675.92

Azimuth	Etheo	Estd	Eaug
0	1382.75	1452.12	1452.12
5	1366.42	1434.97	1434.97
10	1338.88	1406.06	1406.06
15	1299.73	1364.96	1364.96
20	1248.57	1311.25	1311.25
25	1185.16	1244.68	1244.68
30	1109.59	1165.36	1165.36
35	1022.48	1073.92	1073.92
40	925.10	971.70	971.70
45	819.47	860.83	860.83
50	708.42	744.29	744.29
55	595.45	625.75	625.75
60	484.57	509.45	509.45
65	380.02	399.86	399.86
70	285.91	301.32	302.72
75	205.89	217.72	224.50
80	142.79	152.14	163.35
85	98.18	106.27	114.06
90	70.96	78.86	79.22
95	55.72	63.96	63.96
100	44.94	53.79	53.79
105	34.13	44.18	44.18
110	23.56	35.76	35.76
115	18.34	32.22	32.22
120	23.12	35.45	35.45
125	32.07	42.44	42.44
130	40.64	49.88	49.88
135	48.00	56.64	56.64
140	54.74	63.02	63.02
145	61.74	69.79	69.79
150	69.49	77.40	77.40
155	77.74	85.61	85.61
160	85.67	93.59	93.59
165	92.28	100.28	100.28
170	96.65	104.72	104.72
175	98.18	106.27	106.27

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	96.65	104.72	104.72
185	92.28	100.28	100.28
190	85.67	93.59	93.59
195	77.74	85.61	85.61
200	69.49	77.40	77.40
205	61.74	69.79	69.79
210	54.74	63.02	63.02
215	48.00	56.64	56.64
220	40.64	49.88	49.88
225	32.07	42.44	42.44
230	23.12	35.45	35.45
235	18.34	32.22	32.22
240	23.56	35.76	35.76
245	34.13	44.18	44.18
250	44.94	53.79	53.79
255	55.72	63.96	64.60
260	70.96	78.86	80.42
265	98.18	106.27	107.83
270	142.79	152.14	157.68
275	205.89	217.72	228.70
280	285.91	301.32	313.78
285	380.02	399.86	409.70
290	484.57	509.45	514.83
295	595.45	625.75	627.39
300	708.42	744.29	744.33
305	819.47	860.83	860.83
310	925.10	971.70	971.70
315	1022.48	1073.92	1073.92
320	1109.59	1165.36	1165.36
325	1185.16	1244.68	1244.68
330	1248.57	1311.25	1311.25
335	1299.73	1364.96	1364.96
340	1338.88	1406.06	1406.06
345	1366.42	1434.97	1434.97
350	1382.75	1452.12	1452.12
355	1388.16	1457.79	1457.79