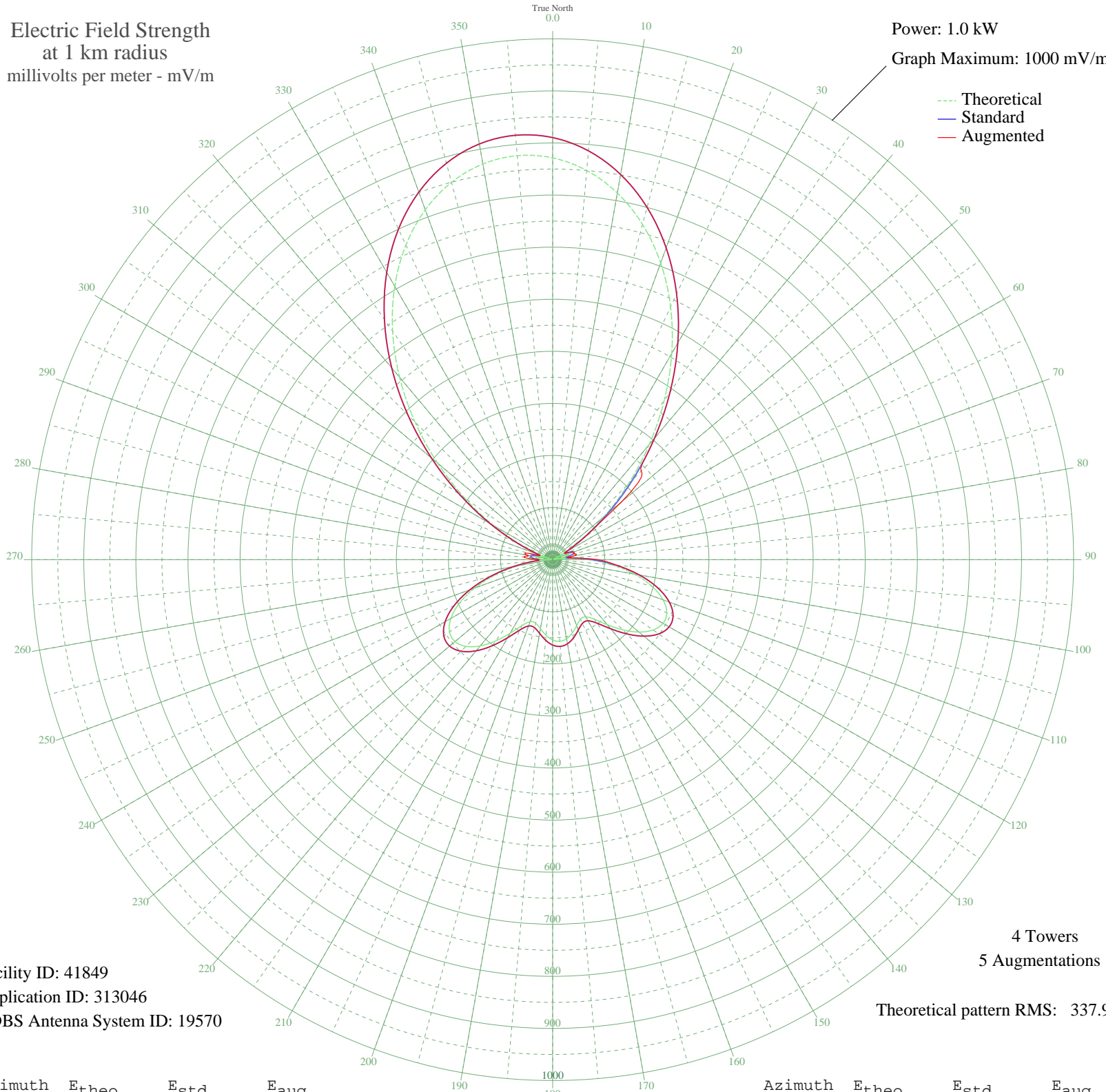


WIOU KOKOMO, IN BL-- 1350 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 41849
Application ID: 313046
CDBS Antenna System ID: 19570

4 Towers
5 Augmentations

Theoretical pattern RMS: 337.96

Azimuth	E _{theo}	E _{std}	E _{aug}
0	771.41	810.39	810.39
5	750.02	787.94	787.94
10	714.79	750.97	750.97
15	666.47	700.26	700.26
20	606.19	637.02	637.02
25	535.65	563.01	563.01
30	457.11	480.65	480.65
35	373.53	393.04	393.04
40	288.44	303.94	303.94
45	205.86	217.67	240.32
50	130.07	138.96	172.29
55	65.20	73.11	73.11
60	14.96	30.08	30.08
65	18.26	32.03	32.03
70	32.67	42.84	42.84
75	28.69	39.57	42.57
80	8.18	27.05	41.02
85	25.75	37.27	37.27
90	68.31	76.17	86.17
95	114.48	122.91	123.60
100	159.04	168.95	168.95
105	197.30	208.75	208.75
110	225.61	238.27	238.27
115	241.64	255.02	255.02
120	244.66	258.17	258.17
125	235.43	248.53	248.53
130	216.17	228.42	228.42
135	190.42	201.58	201.58
140	162.98	173.04	173.04
145	139.79	149.00	149.00
150	126.76	135.55	135.55
155	126.28	135.06	135.06
160	134.74	143.78	143.78
165	145.74	155.16	155.16
170	154.20	163.93	163.93
175	157.32	167.16	167.16

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	E _{theo}	E _{std}	E _{aug}
180	154.20	163.93	163.93
185	145.74	155.16	155.16
190	134.74	143.78	143.78
195	126.28	135.06	135.06
200	126.76	135.55	135.55
205	139.79	149.00	149.00
210	162.98	173.04	173.04
215	190.42	201.58	201.58
220	216.17	228.42	228.42
225	235.43	248.53	248.53
230	244.66	258.17	258.17
235	241.64	255.02	255.02
240	225.61	238.27	238.27
245	197.30	208.75	208.75
250	159.04	168.95	168.95
255	114.48	122.91	122.91
260	68.31	76.17	76.17
265	25.75	37.27	37.27
270	8.18	27.05	27.05
275	28.69	39.57	55.44
280	32.67	42.84	48.82
285	18.26	32.03	45.44
290	14.96	30.08	30.08
295	65.20	73.11	73.11
300	130.07	138.96	138.96
305	205.86	217.67	217.67
310	288.44	303.94	303.94
315	373.53	393.04	393.04
320	457.11	480.65	480.65
325	535.65	563.01	563.01
330	606.19	637.02	637.02
335	666.47	700.26	700.26
340	714.79	750.97	750.97
345	750.02	787.94	787.94
350	771.41	810.39	810.39
355	778.59	817.92	817.92