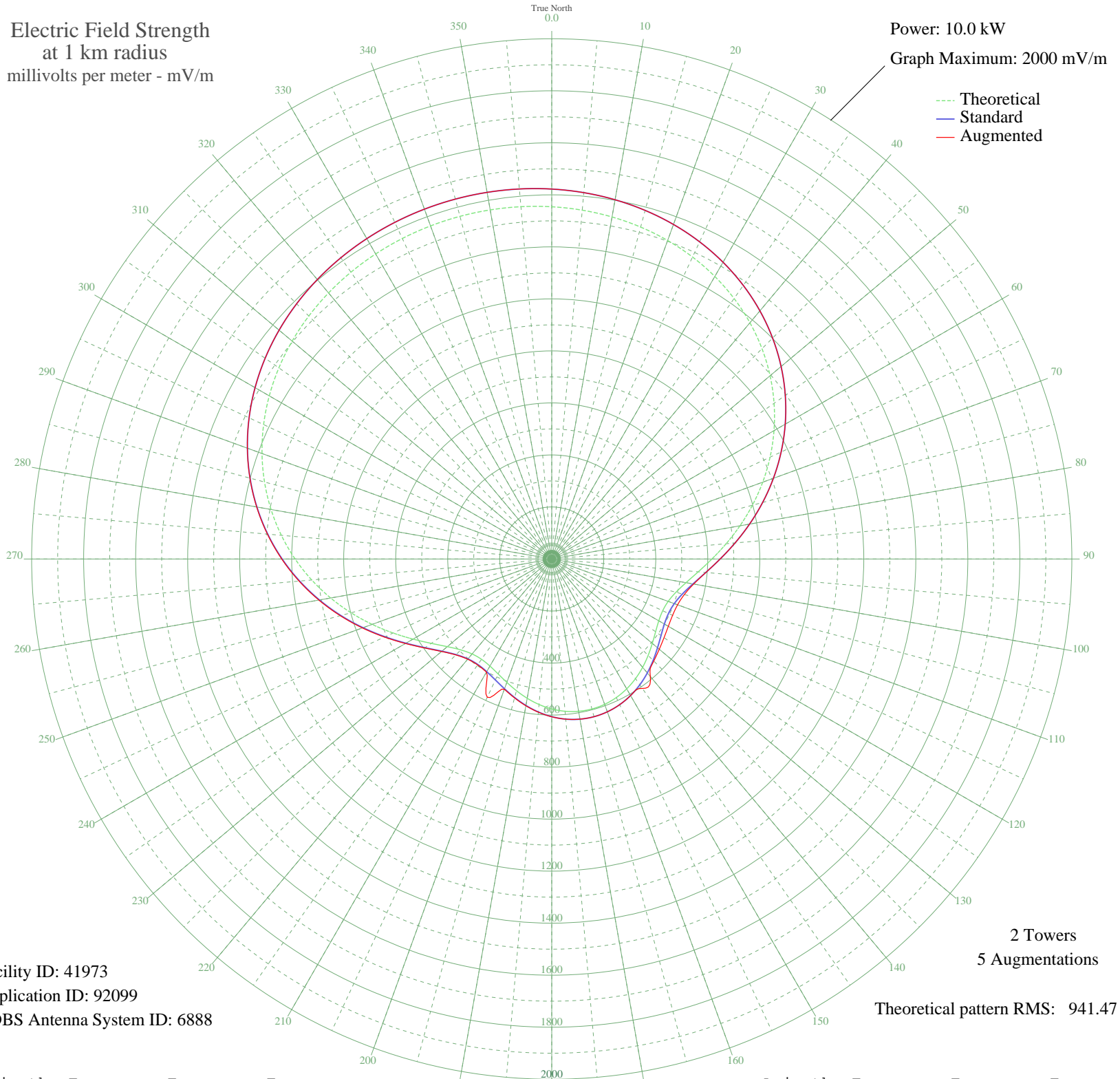


WTSO MADISON, WI BL-19860912AC 1070 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 41973
Application ID: 92099
CDBS Antenna System ID: 6888

2 Towers
5 Augmentations
Theoretical pattern RMS: 941.47

Azimuth	Etheo	Estd	Eaug
0	1354.13	1422.22	1422.22
5	1346.13	1413.82	1413.82
10	1335.24	1402.39	1402.39
15	1321.04	1387.49	1387.49
20	1303.10	1368.66	1368.66
25	1280.97	1345.43	1345.43
30	1254.24	1317.37	1317.37
35	1222.55	1284.10	1284.10
40	1185.66	1245.38	1245.38
45	1143.46	1201.09	1201.09
50	1096.04	1151.32	1151.32
55	1043.67	1096.36	1096.36
60	986.87	1036.74	1036.74
65	926.40	973.29	973.29
70	863.32	907.10	907.10
75	798.96	839.56	839.56
80	734.94	772.40	772.40
85	673.18	707.62	707.62
90	615.90	647.55	647.55
95	565.49	594.69	594.83
100	524.30	551.52	554.20
105	494.31	520.08	527.88
110	476.56	501.48	514.99
115	470.77	495.42	512.70
120	475.30	500.17	517.64
125	487.59	513.04	527.15
130	504.77	531.05	539.76
135	524.19	551.40	554.90
140	543.66	571.80	589.75
145	561.48	590.49	607.50
150	576.42	606.16	606.16
155	587.64	617.92	617.92
160	594.58	625.19	625.19
165	596.93	627.65	627.65
170	594.58	625.19	625.21
175	587.64	617.92	618.07

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	576.42	606.16	606.57
185	561.48	590.49	591.24
190	543.66	571.80	572.95
195	524.19	551.40	552.91
200	504.77	531.05	532.85
205	487.59	513.04	586.55
210	475.30	500.17	502.08
215	470.77	495.42	497.11
220	476.56	501.48	502.99
225	494.31	520.08	521.56
230	524.30	551.52	553.12
235	565.49	594.69	596.55
240	615.90	647.55	649.71
245	673.18	707.62	710.05
250	734.93	772.40	774.93
255	798.96	839.56	842.04
260	863.32	907.10	909.38
265	926.40	973.29	975.26
270	986.87	1036.74	1038.34
275	1043.67	1096.36	1097.55
280	1096.04	1151.32	1152.13
285	1143.46	1201.09	1201.57
290	1185.66	1245.38	1245.60
295	1222.55	1284.10	1284.16
300	1254.24	1317.37	1317.37
305	1280.97	1345.43	1345.43
310	1303.10	1368.66	1368.66
315	1321.04	1387.49	1387.49
320	1335.24	1402.39	1402.39
325	1346.13	1413.82	1413.82
330	1354.13	1422.22	1422.22
335	1359.57	1427.94	1427.94
340	1362.73	1431.26	1431.26
345	1363.77	1432.34	1432.34
350	1362.73	1431.26	1431.26
355	1359.57	1427.94	1427.94