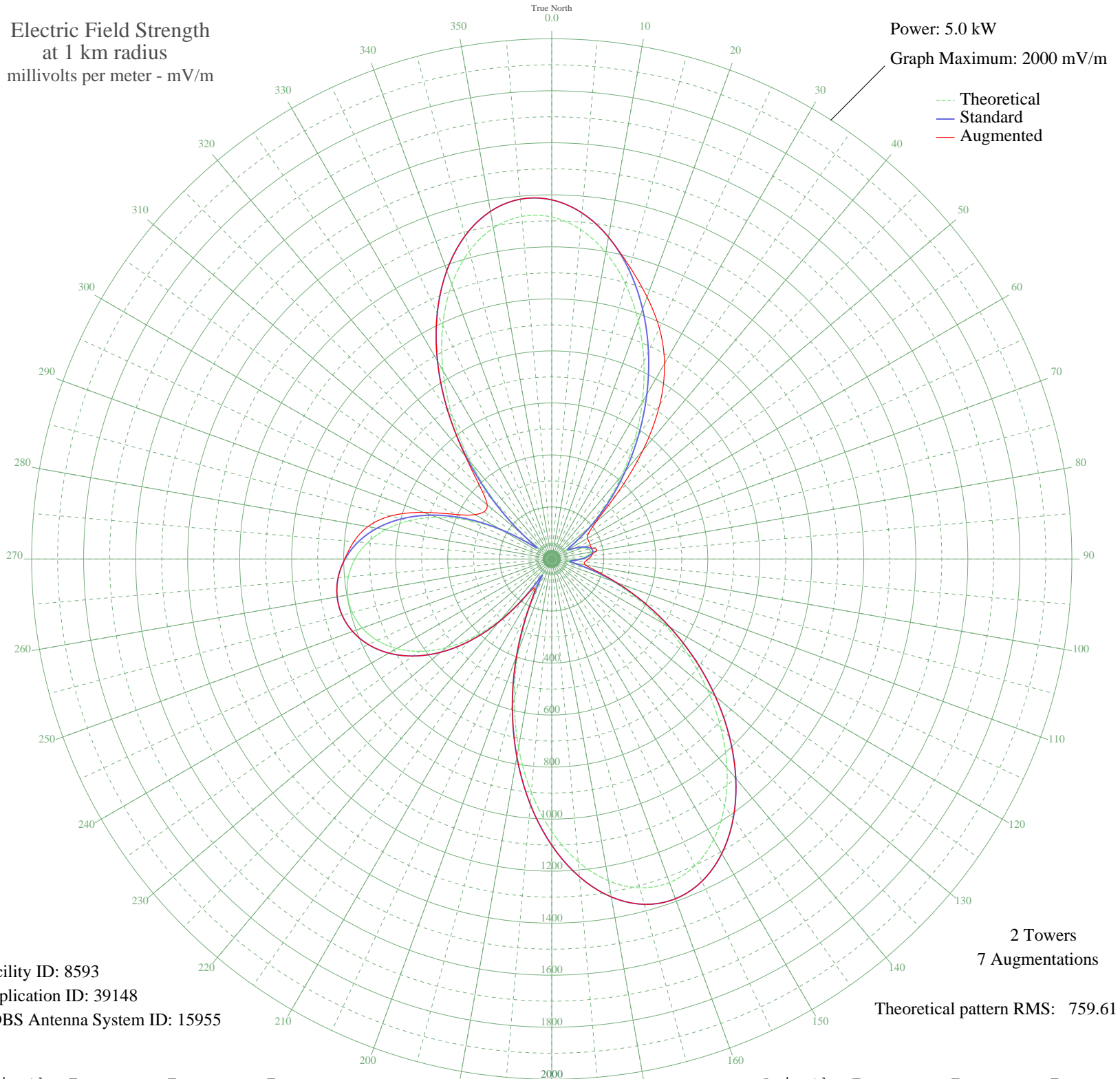


WKBF ROCK ISLAND, IL BL-19820205AA 1270 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 8593  
Application ID: 39148  
CDBS Antenna System ID: 15955

2 Towers  
7 Augmentations  
Theoretical pattern RMS: 759.61

Azimuth	Etheo	Estd	Eaug
0	1314.84	1380.80	1380.80
5	1271.70	1335.51	1335.51
10	1196.61	1256.68	1256.68
15	1094.90	1149.91	1161.75
20	972.98	1021.93	1071.81
25	837.76	879.99	979.06
30	696.11	731.33	867.44
35	554.47	582.72	723.70
40	418.59	440.20	546.08
45	293.43	309.08	355.54
50	183.80	194.55	222.51
55	97.50	105.28	173.22
60	62.63	70.21	159.03
65	91.80	99.48	157.81
70	126.54	135.12	157.31
75	147.32	156.63	161.96
80	150.86	160.30	173.32
85	136.82	145.75	153.99
90	106.86	114.87	141.34
95	70.34	77.85	127.65
100	74.42	81.92	131.56
105	145.72	154.97	177.90
110	247.42	260.95	267.12
115	366.98	386.11	386.49
120	499.14	524.67	524.67
125	639.11	671.52	671.52
130	781.49	820.94	820.94
135	920.10	966.42	966.42
140	1048.18	1100.86	1100.86
145	1158.78	1216.97	1216.97
150	1245.23	1307.72	1307.72
155	1301.70	1367.00	1367.00
160	1323.74	1390.15	1390.15
165	1308.76	1374.42	1374.42
170	1256.27	1319.31	1319.31
175	1168.01	1226.66	1226.66

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.

26 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	1047.81	1100.47	1100.47
185	901.25	946.63	946.63
190	735.17	772.32	772.32
195	557.14	585.52	585.52
200	375.10	394.62	394.62
205	198.18	209.53	210.01
210	63.99	71.56	128.82
215	159.63	169.41	174.38
220	298.70	314.60	314.60
225	423.77	445.64	445.64
230	530.76	557.84	557.84
235	618.96	650.37	650.37
240	688.66	723.51	723.51
245	740.60	778.02	778.02
250	775.64	814.79	814.79
255	794.50	834.58	834.58
260	797.62	837.86	837.86
265	785.09	824.71	824.71
270	756.60	794.81	796.32
275	711.52	747.50	763.98
280	649.02	681.92	717.86
285	568.29	597.21	640.23
290	468.81	492.86	523.29
295	350.77	369.13	404.93
300	216.27	228.41	341.40
305	81.19	88.72	317.27
310	132.88	141.67	324.21
315	303.06	319.16	386.21
320	484.35	509.17	518.46
325	664.96	698.64	698.64
330	836.75	878.93	878.93
335	991.99	1041.88	1041.88
340	1123.49	1179.92	1179.92
345	1225.09	1286.58	1286.58
350	1292.22	1357.05	1357.05
355	1322.27	1388.60	1388.60