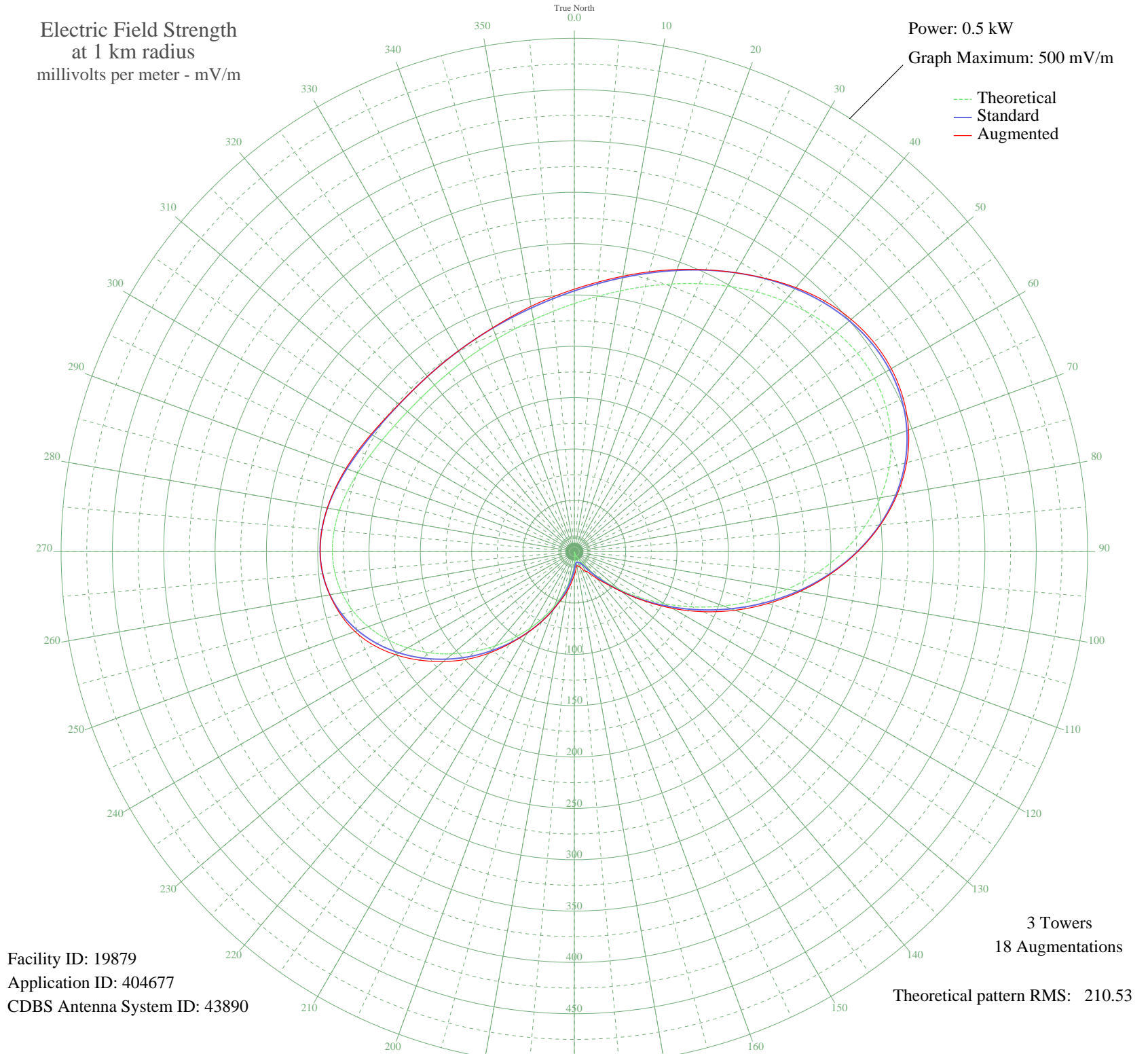


# WJOK KAUKAUNA, WI BL-- 1050 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 19879  
Application ID: 404677  
CDBS Antenna System ID: 43890

3 Towers  
18 Augmentations  
Theoretical pattern RMS: 210.53

Azimuth	Etheo	Estd	Eaug
0	241.67	253.97	255.66
5	249.31	261.99	263.53
10	257.89	270.99	272.41
15	267.32	280.88	282.19
20	277.41	291.47	292.39
25	287.94	302.52	302.90
30	298.57	313.68	313.71
35	308.90	324.52	324.87
40	318.45	334.54	335.70
45	326.67	343.16	345.09
50	332.98	349.79	352.00
55	336.80	353.79	355.91
60	337.57	354.60	356.54
65	334.81	351.71	353.49
70	328.19	344.76	346.50
75	317.50	333.54	335.15
80	302.76	318.07	319.28
85	284.18	298.58	299.35
90	262.19	275.50	276.11
95	237.41	249.51	250.46
100	210.62	221.40	223.24
105	182.70	192.12	195.16
110	154.57	162.64	166.74
115	127.15	133.92	138.33
120	101.29	106.87	110.34
125	77.68	82.24	83.87
130	56.90	60.66	60.86
135	39.34	42.62	44.39
140	25.25	28.51	34.10
145	14.77	18.73	25.51
150	8.09	13.51	22.20
155	5.20	11.83	18.89
160	4.18	11.38	15.90
165	2.43	10.81	14.72
170	0.99	10.55	13.70
175	6.18	12.34	17.35

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	13.08	17.28	22.80
185	21.58	24.98	29.61
190	31.63	34.83	38.71
195	43.16	46.52	48.04
200	56.11	59.85	59.95
205	70.41	74.67	74.85
210	85.92	90.82	91.00
215	102.43	108.06	109.18
220	119.67	126.09	128.88
225	137.27	144.51	148.23
230	154.77	162.85	166.39
235	171.68	180.57	184.15
240	187.47	197.13	200.84
245	201.62	211.96	215.60
250	213.65	224.58	227.37
255	223.21	234.61	235.86
260	230.08	241.81	241.90
265	234.19	246.12	246.03
270	235.70	247.70	247.60
275	234.93	246.90	246.81
280	232.39	244.23	244.32
285	228.66	240.33	240.83
290	224.41	235.86	236.79
295	220.23	231.48	232.60
300	216.61	227.68	228.66
305	213.88	224.82	225.40
310	212.19	223.05	223.22
315	211.53	222.36	222.36
320	211.82	222.66	222.66
325	212.94	223.83	223.83
330	214.78	225.76	225.76
335	217.31	228.41	228.41
340	220.53	231.79	232.10
345	224.50	235.96	236.97
350	229.30	241.00	242.63
355	235.01	246.98	248.77