

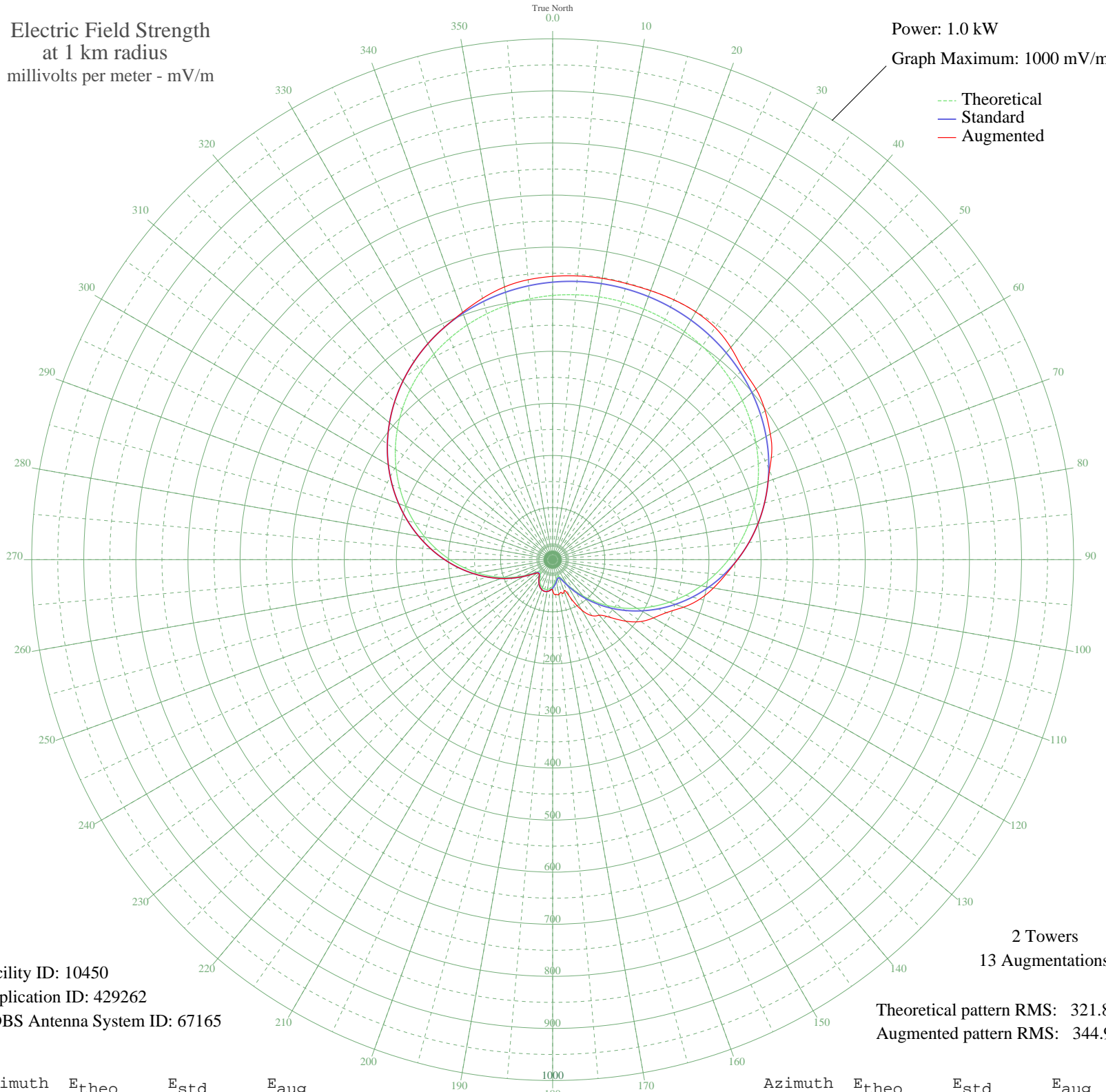
# WKRS WAUKEGAN, IL BL-- 1220 kHz

Daytime

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

Power: 1.0 kW

Graph Maximum: 1000 mV/m



Facility ID: 10450  
Application ID: 429262  
CDBS Antenna System ID: 67165

2 Towers  
13 Augmentations

Theoretical pattern RMS: 321.87  
Augmented pattern RMS: 344.92

Azimuth	Etheo	Estd	Eaug
0	507.30	532.79	543.89
5	510.55	536.20	546.78
10	512.38	538.12	548.36
15	512.80	538.56	548.77
20	511.82	537.53	549.61
25	509.42	535.02	550.51
30	505.60	531.01	549.29
35	500.31	525.45	543.93
40	493.52	518.32	531.87
45	485.17	509.56	516.78
50	475.24	499.13	509.68
55	463.67	486.99	497.92
60	450.45	473.11	482.39
65	435.56	457.49	463.09
70	419.02	440.13	440.13
75	400.87	421.08	421.08
80	381.18	400.41	400.41
85	360.05	378.23	378.23
90	337.60	354.67	354.76
95	314.02	329.92	333.09
100	289.49	304.18	313.44
105	264.25	277.70	292.52
110	238.54	250.73	267.05
115	212.64	223.57	240.89
120	186.84	196.52	223.45
125	161.45	169.91	207.00
130	136.78	144.09	183.81
135	113.19	119.41	157.03
140	91.08	96.33	139.26
145	70.95	75.39	131.28
150	53.60	57.46	111.92
155	40.40	43.97	80.62
160	33.43	36.96	64.24
165	33.69	37.22	65.32
170	38.70	42.25	68.08
175	45.11	48.76	66.74

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.

31 Aug 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	50.98	54.76	59.20
185	55.43	59.33	59.33
190	58.04	62.03	62.03
195	58.65	62.66	62.66
200	57.23	61.19	61.19
205	53.85	57.71	57.71
210	48.77	52.50	52.50
215	42.54	46.13	46.13
220	36.37	39.90	39.97
225	32.81	36.34	37.82
230	35.34	38.86	40.18
235	45.06	48.70	49.51
240	60.14	64.20	64.20
245	78.72	83.46	83.46
250	99.72	105.34	105.34
255	122.47	129.12	129.12
260	146.54	154.30	154.30
265	171.54	180.48	180.48
270	197.13	207.31	207.31
275	223.01	234.44	234.44
280	248.86	261.56	261.56
285	274.42	288.37	288.37
290	299.40	314.58	314.58
295	323.58	339.95	339.95
300	346.73	364.25	364.25
305	368.67	387.27	387.27
310	389.24	408.86	408.86
315	408.32	428.90	428.90
320	425.84	447.28	447.28
325	441.72	463.95	463.95
330	455.94	478.87	478.87
335	468.49	492.05	492.05
340	479.40	503.51	505.41
345	488.70	513.26	519.54
350	496.42	521.37	531.71
355	502.61	527.86	539.52