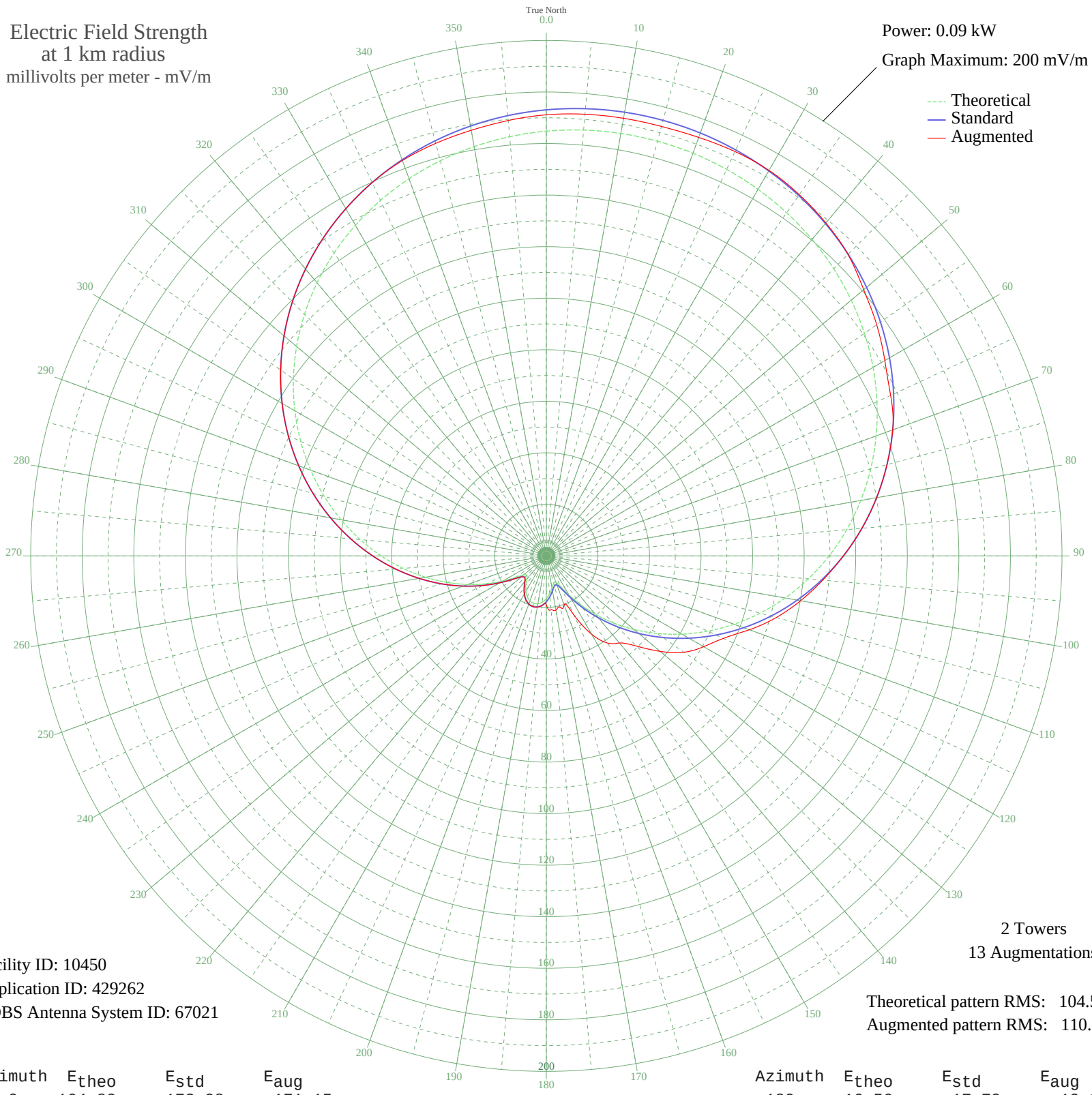
WKRS WAUKEGAN, IL BL-- 1220 kHz

Nighttime



Facility ID: 10450
Application ID: 429262
CDBS Antenna System ID: 67021

2 Towers
13 Augmentations

Theoretical pattern RMS: 104.56
Augmented pattern RMS: 110.27

Azimuth	E_{theo}	E_{std}	E_{aug}
0	164.80	173.08	171.15
5	165.85	174.19	172.03
10	166.45	174.81	172.42
15	166.58	174.95	172.51
20	166.26	174.62	172.80
25	165.49	173.80	173.12
30	164.25	172.50	172.73
35	162.53	170.69	171.09
40	160.32	168.38	168.67
45	157.61	165.53	165.47
50	154.38	162.14	160.68
55	150.62	158.20	156.41
60	146.33	153.69	151.61
65	141.49	148.62	147.35
70	136.12	142.98	142.98
75	130.22	136.79	136.79
80	123.83	130.07	130.07
85	116.96	122.87	122.87
90	109.67	115.22	115.23
95	102.01	107.18	107.63
100	94.04	98.81	100.14
105	85.84	90.21	92.34
110	77.49	81.45	83.80
115	69.08	72.63	75.75
120	60.70	63.84	70.45
125	52.45	55.20	65.15
130	44.43	46.81	57.64
135	36.77	38.79	49.51
140	29.59	31.29	44.08
145	23.05	24.49	41.25
150	17.41	18.67	35.05
155	13.12	14.28	25.29
160	10.86	12.01	20.22
165	10.95	12.09	20.55
170	12.57	13.73	21.39
175	14.65	15.84	20.96

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	16.56	17.79	19.03
185	18.01	19.27	19.27
190	18.85	20.15	20.15
195	19.05	20.36	20.36
200	18.59	19.88	19.88
205	17.49	18.75	18.75
210	15.84	17.05	17.05
215	13.82	14.99	14.99
220	11.82	12.96	12.97
225	10.66	11.81	11.96
230	11.48	12.62	12.61
235	14.64	15.82	15.75
240	19.54	20.85	20.85
245	25.57	27.11	27.11
250	32.39	34.22	34.22
255	39.79	41.94	41.94
260	47.60	50.12	50.12
265	55.72	58.63	58.63
270	64.04	67.34	67.34
275	72.44	76.16	76.16
280	80.84	84.97	84.97
285	89.14	93.68	93.68
290	97.26	102.19	102.19
295	105.11	110.43	110.43
300	112.63	118.33	118.33
305	119.76	125.81	125.81
310	126.44	132.82	132.82
315	132.64	139.33	139.33
320	138.33	145.30	145.30
325	143.49	150.71	150.71
330	148.11	155.56	155.56
335	152.19	159.84	159.84
340	155.74	163.57	163.26
345	158.75	166.73	165.73
350	161.26	169.37	167.70
355	163.27	171.48	169.59