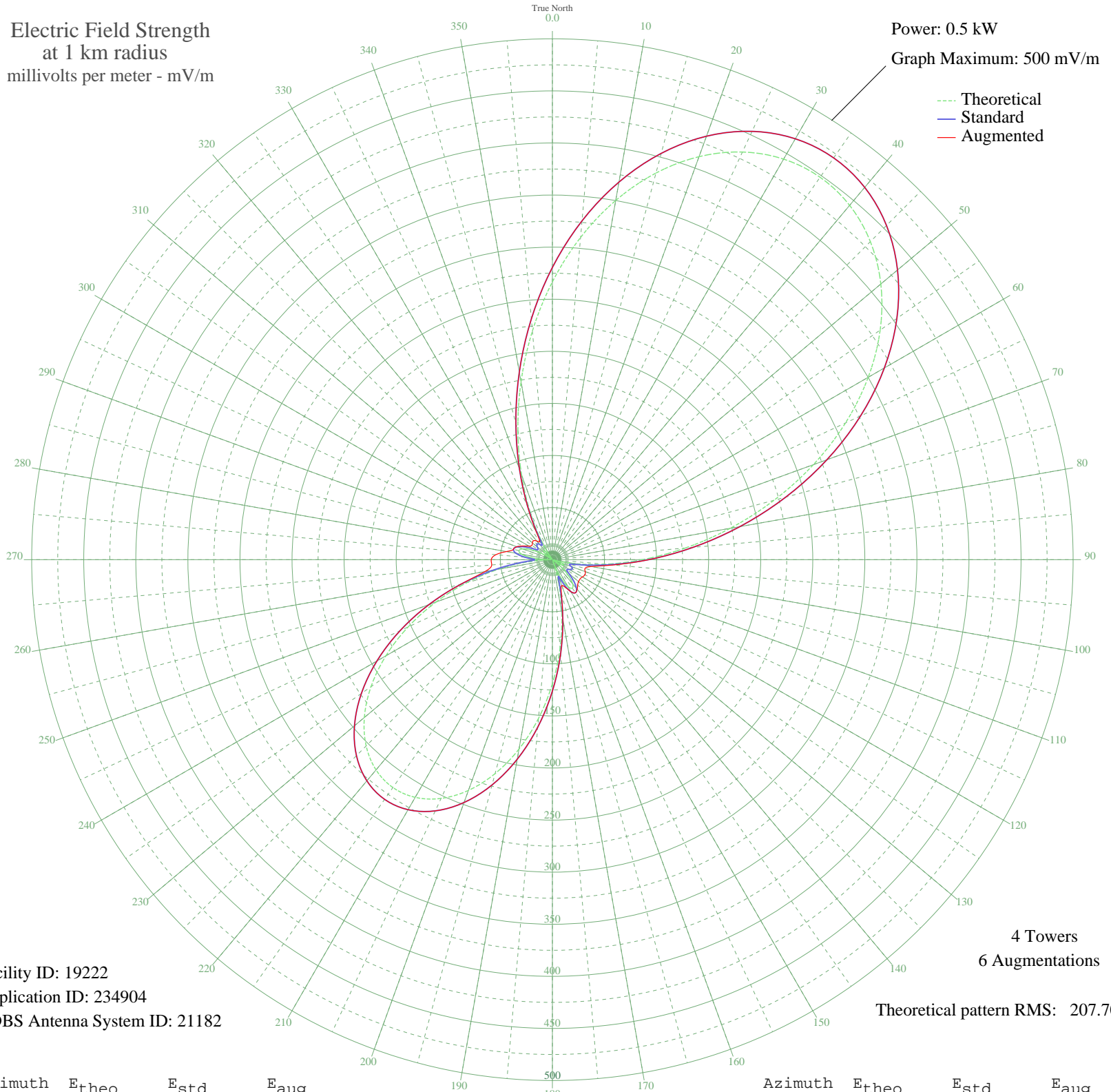


# WRMN KANE, IL BP-19961030AC 1410 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 19222  
Application ID: 234904  
CDBS Antenna System ID: 21182

4 Towers  
6 Augmentations  
Theoretical pattern RMS: 207.70

Azimuth	Etheo	Estd	Eaug
0	266.71	280.54	280.54
5	310.54	326.50	326.50
10	350.17	368.06	368.06
15	384.23	403.79	403.79
20	411.69	432.60	432.60
25	431.78	453.68	453.68
30	444.02	466.53	466.53
35	448.13	470.84	470.84
40	444.02	466.53	466.53
45	431.78	453.68	453.68
50	411.69	432.60	432.60
55	384.23	403.79	403.79
60	350.17	368.06	368.06
65	310.54	326.50	326.50
70	266.71	280.54	280.54
75	220.35	231.97	231.97
80	173.43	182.87	182.87
85	128.08	135.52	135.52
90	86.46	92.31	92.65
95	50.59	55.69	58.51
100	22.11	28.61	37.94
105	2.06	16.87	32.45
110	9.22	19.33	33.51
115	12.27	21.11	34.41
120	8.41	18.91	33.24
125	0.33	16.73	32.40
130	11.45	20.60	32.71
135	22.28	28.76	34.36
140	30.26	35.91	37.02
145	33.27	38.73	38.73
150	29.81	35.49	35.49
155	19.14	26.15	29.32
160	1.32	16.78	26.37
165	22.89	29.28	33.14
170	52.19	57.30	57.32
175	84.88	90.68	90.68

Azimuth	Etheo	Estd	Eaug
180	119.08	126.15	126.15
185	152.92	161.43	161.43
190	184.62	194.57	194.57
195	212.65	223.90	223.90
200	235.73	248.08	248.08
205	252.90	266.08	266.08
210	263.47	277.15	277.15
215	267.04	280.89	280.89
220	263.47	277.15	277.15
225	252.90	266.08	266.08
230	235.73	248.08	248.08
235	212.64	223.90	223.90
240	184.62	194.57	194.57
245	152.91	161.43	161.43
250	119.08	126.15	126.15
255	84.88	90.68	90.86
260	52.19	57.30	65.72
265	22.89	29.28	58.47
270	1.32	16.78	58.74
275	19.14	26.15	54.51
280	29.81	35.49	44.81
285	33.27	38.73	38.73
290	30.26	35.91	36.34
295	22.28	28.76	31.03
300	11.45	20.60	25.94
305	0.33	16.73	24.00
310	8.41	18.91	25.05
315	12.27	21.11	25.73
320	9.22	19.33	23.33
325	2.06	16.87	21.10
330	22.11	28.61	30.80
335	50.59	55.69	56.29
340	86.46	92.31	92.38
345	128.08	135.52	135.52
350	173.43	182.87	182.87
355	220.35	231.97	231.97

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.

22 Feb 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission