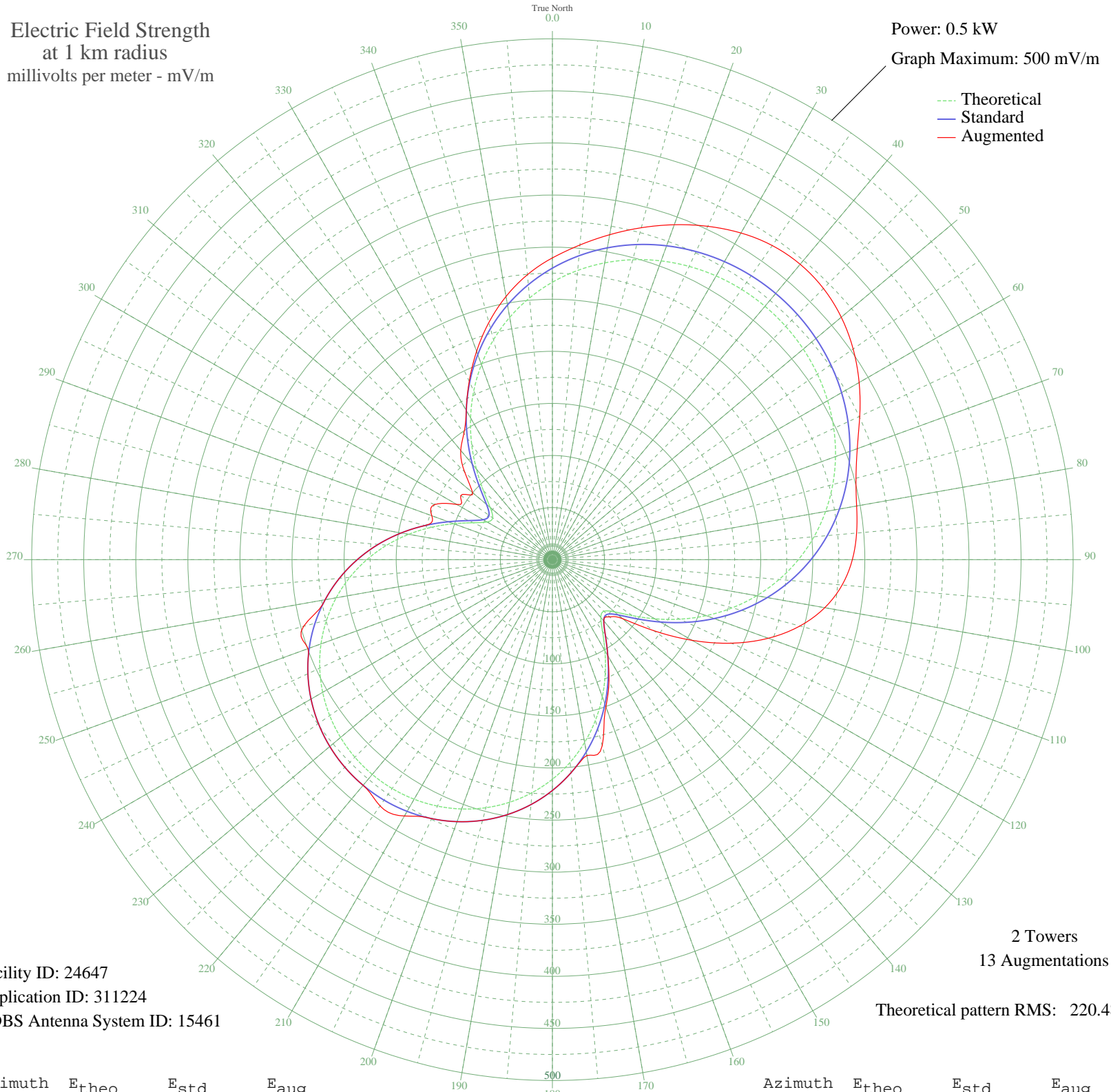


# KROX CROOKSTON, MN BL-- 1260 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 24647  
Application ID: 311224  
CDBS Antenna System ID: 15461

2 Towers  
13 Augmentations  
Theoretical pattern RMS: 220.48

Azimuth	Etheo	Estd	Eaug
0	266.35	279.87	289.68
5	278.72	292.85	303.24
10	289.29	303.94	316.76
15	298.10	313.18	329.88
20	305.20	320.63	342.16
25	310.64	326.34	353.08
30	314.49	330.38	362.10
35	316.78	332.78	368.10
40	317.53	333.58	370.15
45	316.78	332.78	368.10
50	314.49	330.38	362.10
55	310.64	326.34	352.55
60	305.20	320.63	340.11
65	298.10	313.18	325.62
70	289.29	303.94	311.52
75	278.72	292.85	301.80
80	266.35	279.87	296.63
85	252.17	264.99	293.21
90	236.21	248.24	288.01
95	218.53	229.70	279.26
100	199.29	209.52	265.55
105	178.72	187.95	246.06
110	157.16	165.36	220.62
115	135.15	142.30	189.75
120	113.53	119.67	154.88
125	93.69	98.93	118.87
130	78.01	82.58	88.17
135	70.01	74.26	77.70
140	72.37	76.71	76.71
145	83.88	88.69	88.69
150	100.82	106.38	106.38
155	120.17	126.61	128.49
160	140.12	147.50	150.36
165	159.66	167.97	184.88
170	178.17	187.37	190.90
175	195.30	205.33	205.33

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.

28 Sep 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	210.80	221.59	221.59
185	224.55	236.01	236.01
190	236.46	248.51	248.51
195	246.51	259.05	259.05
200	254.70	267.64	267.64
205	261.03	274.28	274.28
210	265.53	279.01	284.14
215	268.22	281.83	288.57
220	269.12	282.77	282.77
225	268.22	281.83	281.83
230	265.53	279.01	279.01
235	261.03	274.28	274.28
240	254.70	267.64	267.64
245	246.51	259.05	259.05
250	236.46	248.51	249.67
255	224.55	236.01	247.37
260	210.80	221.59	221.59
265	195.30	205.33	205.33
270	178.17	187.37	187.37
275	159.66	167.97	167.97
280	140.12	147.50	147.50
285	120.17	126.61	126.61
290	100.82	106.38	123.22
295	83.88	88.69	124.90
300	72.37	76.71	105.97
305	70.01	74.26	107.40
310	78.01	82.58	99.95
315	93.69	98.93	119.23
320	113.53	119.67	136.92
325	135.16	142.30	148.12
330	157.16	165.36	165.36
335	178.72	187.95	188.94
340	199.29	209.52	212.83
345	218.53	229.70	235.70
350	236.21	248.24	256.54
355	252.17	264.99	274.65