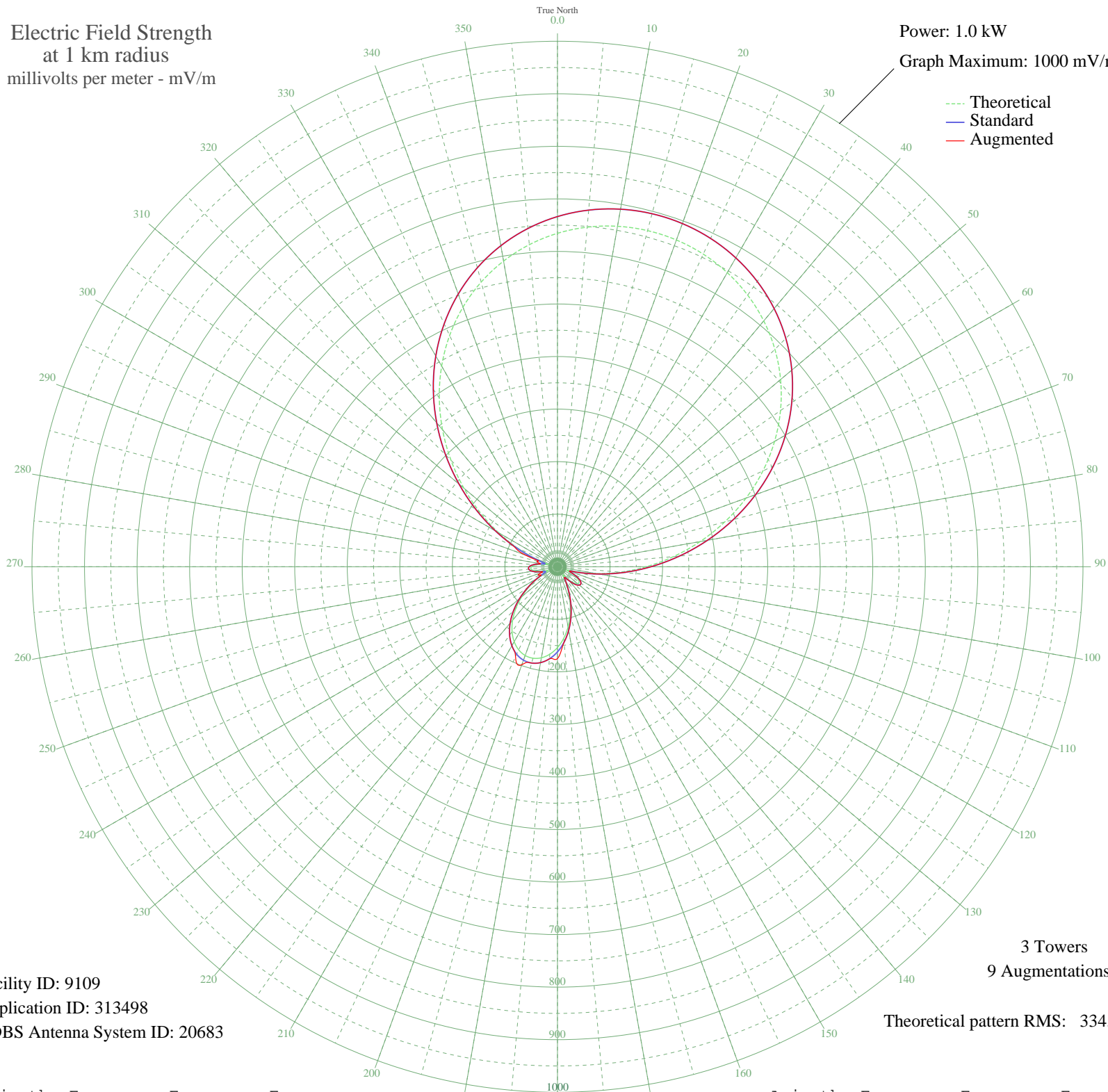


# KCIM CARROLL, IA BL-- 1380 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 9109  
Application ID: 313498  
CDBS Antenna System ID: 20683

3 Towers  
9 Augmentations

Theoretical pattern RMS: 334.74

Azimuth	Etheo	Estd	Eaug
0	634.48	666.35	666.35
5	648.66	681.24	681.24
10	657.87	690.90	690.90
15	662.20	695.45	695.45
20	661.72	694.95	694.95
25	656.42	689.38	689.38
30	646.23	678.69	678.69
35	631.03	662.74	662.74
40	610.70	641.39	641.39
45	585.11	614.53	614.53
50	554.23	582.11	582.11
55	518.11	544.20	544.20
60	477.00	501.05	501.05
65	431.37	453.16	453.16
70	381.92	401.27	401.27
75	329.63	346.39	346.39
80	275.71	289.83	289.83
85	221.61	233.11	233.11
90	168.94	177.94	177.94
95	119.41	126.17	126.17
100	74.88	79.87	79.87
105	37.91	42.22	42.22
110	18.40	23.90	23.90
115	29.79	34.30	34.30
120	43.45	47.74	47.74
125	50.35	54.70	54.70
130	49.87	54.22	54.51
135	42.74	47.03	47.66
140	30.72	35.19	35.21
145	19.25	24.63	24.68
150	24.86	29.66	29.70
155	45.24	49.54	49.55
160	69.17	73.98	73.98
165	93.36	99.03	99.03
170	116.21	122.83	122.83
175	136.63	144.15	144.15

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	153.77	162.07	174.98
185	167.02	175.94	175.94
190	175.93	185.26	185.26
195	180.21	189.74	189.74
200	179.73	189.24	198.48
205	174.51	183.77	188.85
210	164.71	173.52	173.52
215	150.64	158.80	158.80
220	132.78	140.13	140.13
225	111.80	118.23	118.23
230	88.59	94.07	94.07
235	64.30	68.97	68.97
240	40.70	44.99	45.01
245	21.97	27.02	37.59
250	20.84	26.02	32.22
255	33.37	37.76	37.78
260	44.64	48.94	48.94
265	50.53	54.89	54.89
270	49.56	53.91	53.91
275	41.19	45.48	45.48
280	26.62	31.29	32.93
285	19.57	24.90	39.73
290	44.48	48.78	65.53
295	83.29	88.58	91.34
300	128.98	136.16	136.16
305	179.27	188.76	188.76
310	232.37	244.39	244.39
315	286.55	301.21	301.21
320	340.26	357.55	357.55
325	392.08	411.92	411.92
330	440.83	463.09	463.09
335	485.60	510.08	510.08
340	525.74	552.21	552.21
345	560.83	589.04	589.04
350	590.66	620.35	620.35
355	615.19	646.10	646.10