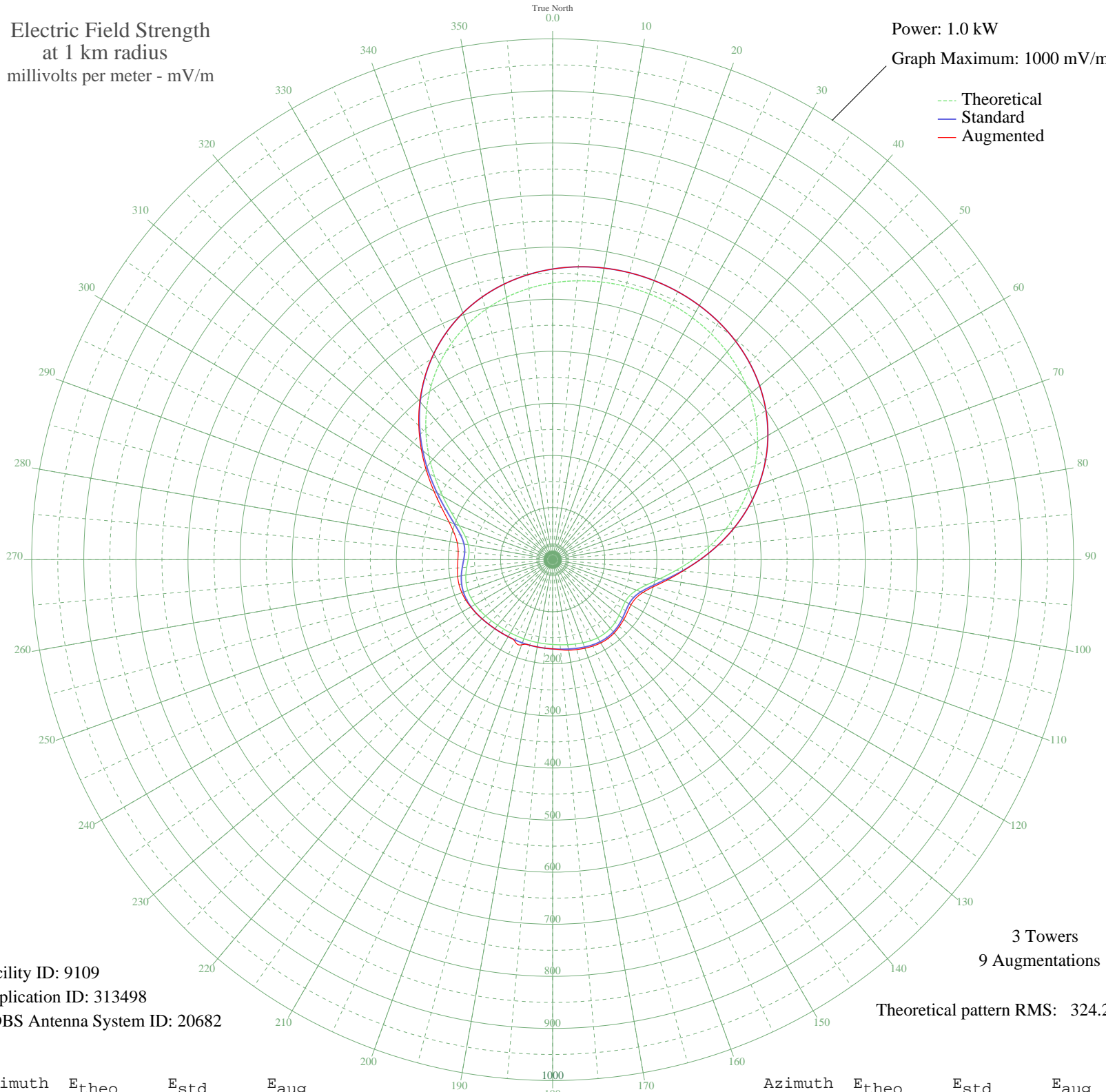


# KCIM CARROLL, IA BL-- 1380 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 9109  
Application ID: 313498  
CDBS Antenna System ID: 20682

3 Towers  
9 Augmentations  
Theoretical pattern RMS: 324.28

Azimuth	Etheo	Estd	Eaug
0	531.33	558.00	558.00
5	537.42	564.39	564.39
10	541.28	568.45	568.45
15	543.07	570.33	570.33
20	542.88	570.12	570.12
25	540.68	567.81	567.81
30	536.39	563.31	563.31
35	529.83	556.42	556.42
40	520.76	546.89	546.89
45	508.90	534.45	534.45
50	494.00	518.81	518.81
55	475.82	499.72	499.72
60	454.24	477.07	477.07
65	429.26	450.84	450.84
70	401.08	421.27	421.27
75	370.14	388.79	388.79
80	337.15	354.16	354.16
85	303.11	318.44	318.44
90	269.35	283.02	283.02
95	237.51	249.60	250.90
100	209.42	220.14	223.82
105	186.95	196.58	200.63
110	171.47	180.35	184.37
115	163.23	171.71	175.90
120	161.07	169.45	173.64
125	162.85	171.32	175.42
130	166.35	174.98	178.41
135	169.84	178.64	181.27
140	172.32	181.24	183.84
145	173.39	182.36	185.03
150	173.10	182.05	184.68
155	171.75	180.64	183.09
160	169.78	178.58	180.99
165	167.63	176.33	178.72
170	165.65	174.25	176.60
175	164.05	172.57	173.61

Azimuth	Etheo	Estd	Eaug
180	162.90	171.37	171.37
185	162.17	170.61	170.61
190	161.78	170.19	170.19
195	161.62	170.02	170.02
200	161.63	170.04	174.12
205	161.83	170.25	172.42
210	162.29	170.73	170.73
215	163.09	171.57	171.57
220	164.33	172.87	172.87
225	166.02	174.64	174.64
230	168.06	176.77	176.77
235	170.20	179.02	179.07
240	172.08	180.99	181.59
245	173.25	182.22	183.92
250	173.29	182.26	185.50
255	171.93	180.83	185.94
260	169.20	177.97	185.14
265	165.60	174.20	183.46
270	162.29	170.73	181.89
275	161.11	169.49	182.04
280	164.34	172.87	185.96
285	173.98	182.98	195.56
290	190.92	200.74	211.91
295	214.65	225.62	234.84
300	243.64	256.03	263.16
305	276.01	290.00	295.19
310	309.94	325.61	329.14
315	343.87	361.21	363.41
320	376.52	395.49	396.68
325	406.96	427.43	427.95
330	434.52	456.37	456.49
335	458.83	481.89	481.89
340	479.73	503.82	503.82
345	497.24	522.20	522.20
350	511.51	537.19	537.19
355	522.78	549.02	549.02

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission