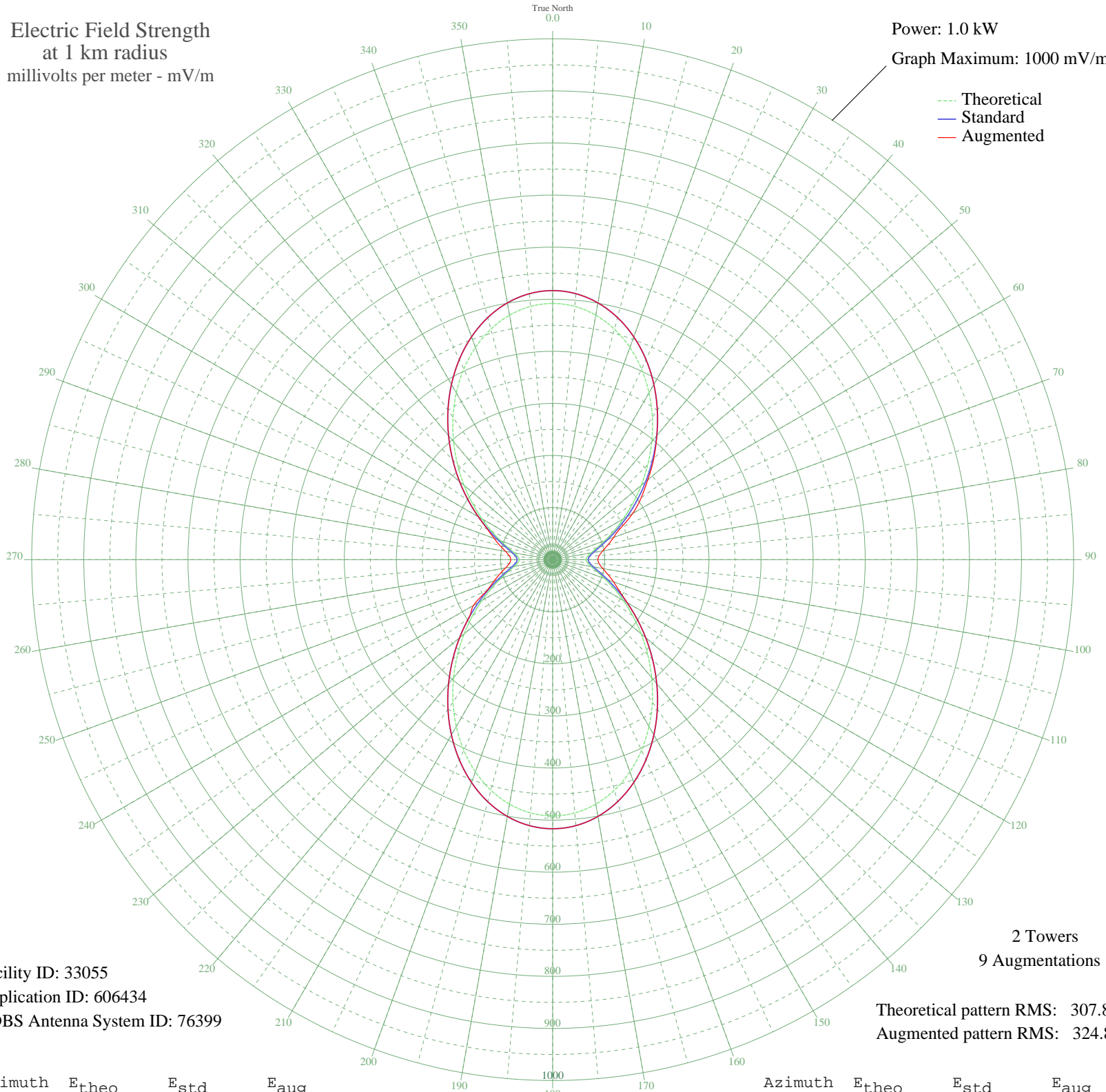


KCLN CLINTON, IA BL-20020628ACF 1390 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 33055
Application ID: 606434
CDBS Antenna System ID: 76399

Theoretical pattern RMS: 307.87
Augmented pattern RMS: 324.88

Azimuth	Etheo	Estd	Eaug
0	491.93	516.64	516.64
5	488.06	512.57	512.57
10	476.64	500.58	500.58
15	458.17	481.19	481.19
20	433.47	455.27	455.27
25	403.63	423.94	423.94
30	369.85	388.49	388.49
35	333.48	350.31	350.31
40	295.85	310.82	310.82
45	258.23	271.35	271.35
50	221.81	233.14	233.14
55	187.62	197.28	197.28
60	156.52	164.68	177.32
65	129.22	136.09	144.36
70	106.27	112.07	124.31
75	88.05	93.05	109.74
80	74.86	79.30	97.60
85	66.88	71.01	89.71
90	64.21	68.23	86.90
95	66.88	71.01	89.71
100	74.86	79.30	97.60
105	88.05	93.05	109.74
110	106.27	112.07	124.31
115	129.22	136.09	141.01
120	156.52	164.68	165.08
125	187.62	197.28	197.28
130	221.81	233.14	233.14
135	258.23	271.35	271.35
140	295.85	310.82	310.82
145	333.48	350.31	350.31
150	369.85	388.49	388.49
155	403.63	423.94	423.94
160	433.47	455.27	455.27
165	458.17	481.19	481.19
170	476.64	500.58	500.58
175	488.06	512.57	512.57

Azimuth	Etheo	Estd	Eaug
180	491.93	516.64	516.64
185	488.06	512.57	512.57
190	476.63	500.58	500.58
195	458.16	481.19	481.19
200	433.47	455.27	455.27
205	403.63	423.94	423.94
210	369.85	388.49	388.49
215	333.48	350.31	350.31
220	295.85	310.82	310.82
225	258.23	271.35	271.35
230	221.81	233.14	233.14
235	187.62	197.28	197.28
240	156.52	164.68	175.42
245	129.22	136.09	138.17
250	106.27	112.07	119.47
255	88.05	93.05	104.61
260	74.86	79.30	91.97
265	66.88	71.01	83.53
270	64.21	68.23	80.47
275	66.88	71.01	83.53
280	74.86	79.30	91.97
285	88.05	93.05	104.61
290	106.27	112.07	119.47
295	129.22	136.09	138.17
300	156.52	164.68	164.68
305	187.62	197.28	197.28
310	221.81	233.14	233.14
315	258.23	271.35	271.35
320	295.85	310.82	310.82
325	333.48	350.31	350.31
330	369.85	388.49	388.49
335	403.63	423.94	423.94
340	433.47	455.27	455.27
345	458.17	481.19	481.19
350	476.64	500.58	500.58
355	488.06	512.57	512.57

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