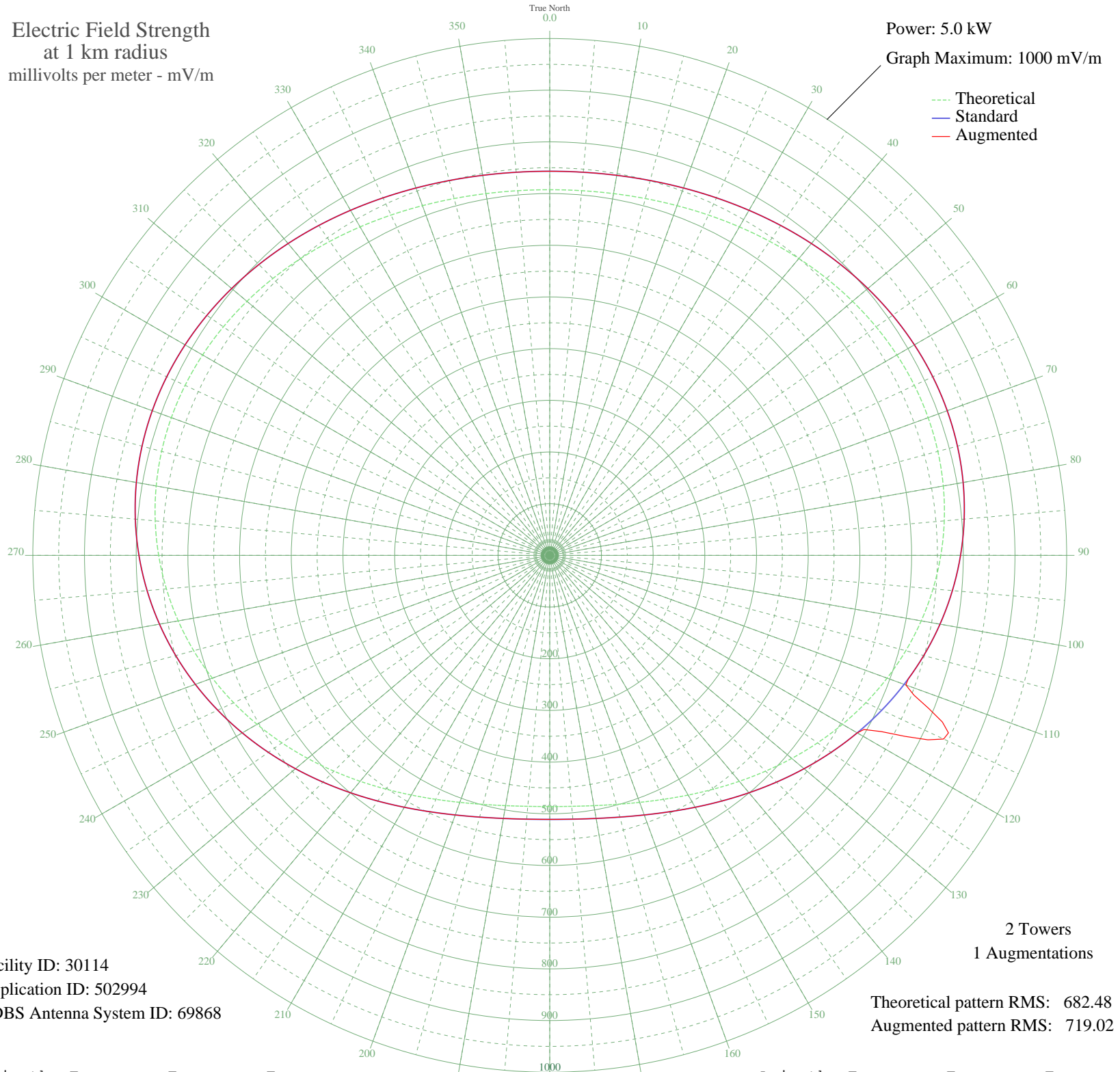


# KGLO MASON CITY, IA BL-19980514KA 1300 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 30114  
Application ID: 502994  
CDBS Antenna System ID: 69868

Theoretical pattern RMS: 682.48  
Augmented pattern RMS: 719.02

Azimuth	Etheo	Estd	Eaug
0	707.46	743.21	743.21
5	708.29	744.08	744.08
10	710.74	746.64	746.64
15	714.71	750.81	750.81
20	720.04	756.40	756.40
25	726.50	763.19	763.19
30	733.83	770.88	770.88
35	741.69	779.13	779.13
40	749.73	787.56	787.56
45	757.53	795.75	795.75
50	764.69	803.27	803.27
55	770.80	809.69	809.69
60	775.47	814.58	814.58
65	778.31	817.56	817.56
70	779.02	818.31	818.31
75	777.33	816.53	816.53
80	773.07	812.06	812.06
85	766.14	804.79	804.79
90	756.53	794.70	794.70
95	744.34	781.91	781.91
100	729.75	766.60	766.60
105	713.03	749.04	749.04
110	694.51	729.61	733.12
115	674.61	708.73	840.75
120	653.77	686.86	686.86
125	632.47	664.50	664.50
130	611.19	642.18	642.18
135	590.41	620.38	620.38
140	570.60	599.59	599.59
145	552.16	580.24	580.24
150	535.47	562.73	562.73
155	520.84	547.39	547.39
160	508.54	534.49	534.49
165	498.78	524.25	524.25
170	491.70	516.82	516.82
175	487.42	512.33	512.33

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	485.98	510.82	510.82
185	487.42	512.33	512.33
190	491.70	516.82	516.82
195	498.78	524.25	524.25
200	508.54	534.49	534.49
205	520.84	547.39	547.39
210	535.47	562.73	562.73
215	552.16	580.24	580.24
220	570.60	599.59	599.59
225	590.41	620.38	620.38
230	611.19	642.18	642.18
235	632.47	664.50	664.50
240	653.77	686.86	686.86
245	674.61	708.73	708.73
250	694.51	729.61	729.61
255	713.03	749.04	749.04
260	729.75	766.60	766.60
265	744.34	781.91	781.91
270	756.53	794.70	794.70
275	766.14	804.79	804.79
280	773.07	812.06	812.06
285	777.33	816.53	816.53
290	779.02	818.31	818.31
295	778.31	817.56	817.56
300	775.47	814.58	814.58
305	770.80	809.69	809.69
310	764.69	803.27	803.27
315	757.53	795.75	795.75
320	749.73	787.56	787.56
325	741.69	779.13	779.13
330	733.83	770.88	770.88
335	726.50	763.19	763.19
340	720.04	756.40	756.40
345	714.71	750.81	750.81
350	710.74	746.64	746.64
355	708.29	744.08	744.08