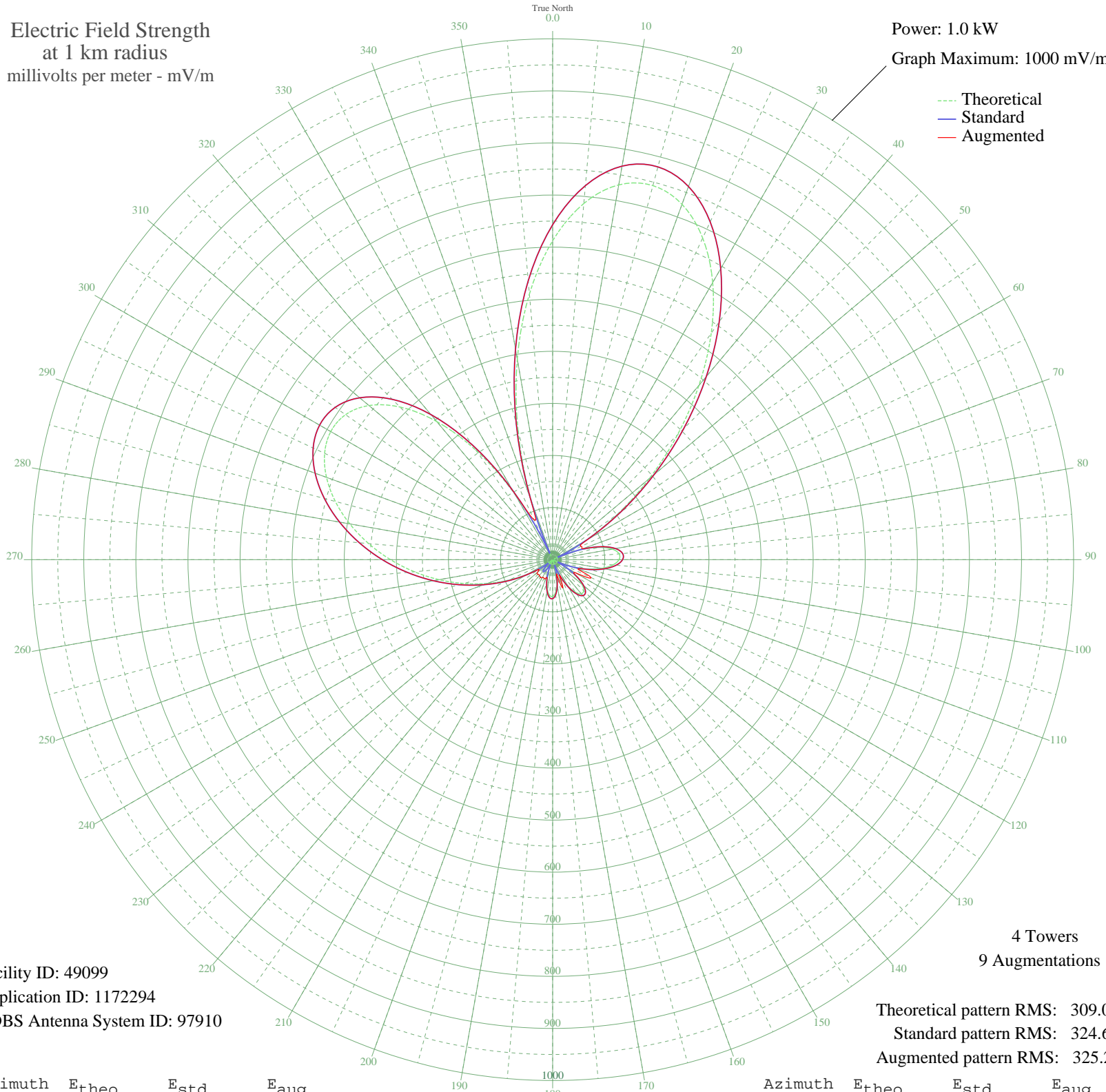


KWKY DES MOINES, IA BMML-20070125ADY 1150 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 49099  
Application ID: 1172294  
CDBS Antenna System ID: 97910

Theoretical pattern RMS: 309.00  
Standard pattern RMS: 324.60  
Augmented pattern RMS: 325.20

Azimuth	Etheo	Estd	Eaug
0	612.33	643.03	643.03
5	686.46	720.86	720.86
10	730.61	767.22	767.22
15	743.46	780.70	780.70
20	726.02	762.39	762.39
25	681.41	715.56	715.56
30	614.38	645.18	645.18
35	530.75	557.39	557.39
40	436.82	458.78	458.78
45	338.74	355.83	355.83
50	242.14	254.47	254.47
55	151.74	159.68	159.68
60	71.20	75.49	76.86
65	3.06	10.98	60.84
70	51.17	54.74	61.49
75	90.89	96.01	96.01
80	116.27	122.53	122.53
85	128.04	134.86	134.86
90	127.43	134.22	134.22
95	116.02	122.27	122.27
100	95.70	101.04	101.04
105	68.70	72.90	72.90
110	37.51	40.77	51.66
115	4.88	11.68	81.45
120	26.33	29.57	49.91
125	53.23	56.87	56.87
130	73.24	77.62	77.62
135	84.31	89.15	89.15
140	85.27	90.15	90.15
145	76.05	80.54	80.54
150	57.82	61.61	61.61
155	32.93	36.14	36.14
160	4.69	11.60	57.39
165	23.12	26.45	27.91
170	46.80	50.25	50.25
175	63.28	67.27	67.27

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	70.65	74.92	74.92
185	68.45	72.64	72.64
190	57.70	61.49	61.49
195	40.71	44.02	44.02
200	20.65	24.09	37.23
205	1.03	10.56	39.29
210	14.84	18.79	39.28
215	24.24	27.54	41.32
220	25.41	28.67	39.82
225	17.53	21.19	39.42
230	0.74	10.53	38.10
235	24.13	27.42	32.67
240	55.77	59.49	59.49
245	92.70	97.90	97.90
250	133.44	140.51	140.51
255	176.70	185.84	185.84
260	221.37	232.68	232.68
265	266.52	280.04	280.04
270	311.26	326.99	326.99
275	354.62	372.50	372.50
280	395.37	415.28	415.28
285	431.87	453.58	453.58
290	461.96	485.17	485.17
295	482.97	507.23	507.23
300	491.85	516.55	516.55
305	485.33	509.71	509.71
310	460.35	483.48	483.48
315	414.45	435.30	435.30
320	346.26	363.73	363.73
325	255.98	268.98	268.98
330	145.65	153.29	153.29
335	19.28	22.81	84.73
340	117.26	123.57	124.24
345	256.68	269.72	269.72
350	390.93	410.61	410.61
355	511.90	537.60	537.60