

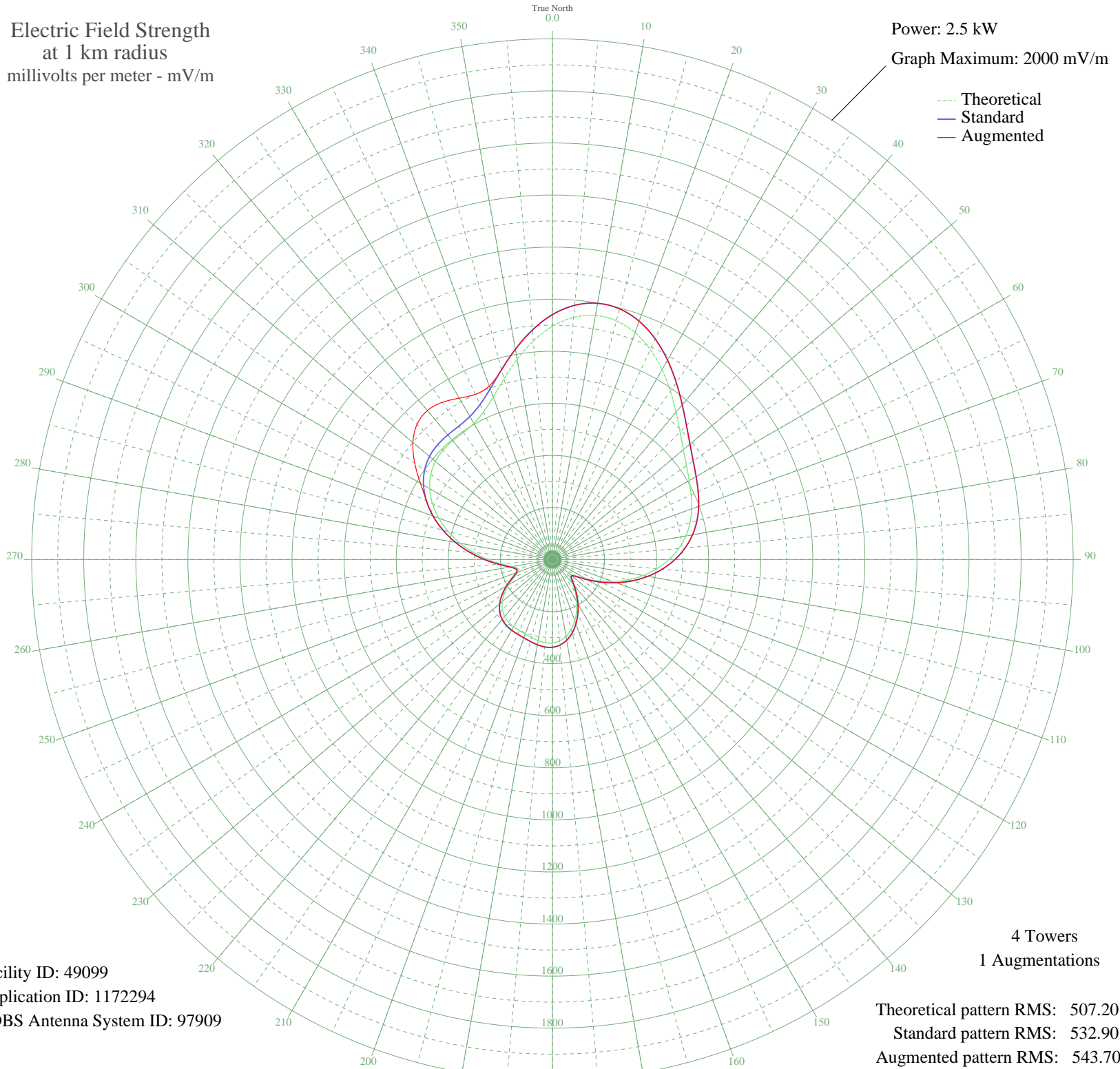
KWKY DES MOINES, IA BMML-20070125ADY 1150 kHz

Daytime

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

Power: 2.5 kW

Graph Maximum: 2000 mV/m



Facility ID: 49099  
Application ID: 1172294  
CDBS Antenna System ID: 97909

4 Towers  
1 Augmentations  
Theoretical pattern RMS: 507.20  
Standard pattern RMS: 532.90  
Augmented pattern RMS: 543.70

Azimuth	Etheo	Estd	Eaug
0	895.58	940.51	940.51
5	933.30	980.10	980.10
10	951.60	999.32	999.32
15	949.21	996.82	996.82
20	927.49	974.01	974.01
25	890.05	934.70	934.70
30	842.09	884.35	884.35
35	789.64	829.30	829.30
40	738.54	775.65	775.65
45	693.38	728.25	728.25
50	656.69	689.73	689.73
55	628.49	660.13	660.13
60	606.70	637.25	637.25
65	588.03	617.66	617.66
70	569.09	597.78	597.78
75	547.06	574.66	574.66
80	520.04	546.30	546.30
85	487.05	511.68	511.68
90	447.93	470.62	470.62
95	403.15	423.64	423.64
100	353.76	371.82	371.82
105	301.22	316.72	316.72
110	247.45	260.36	260.36
115	194.92	205.35	205.35
120	147.02	155.27	155.27
125	109.33	116.01	116.01
130	91.00	97.00	97.00
135	97.92	104.16	104.16
140	122.03	129.22	129.22
145	153.12	161.64	161.64
150	186.32	196.35	196.35
155	219.41	230.98	230.98
160	250.58	263.64	263.64
165	277.90	292.28	292.28
170	299.44	314.85	314.85
175	313.76	329.87	329.87

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	320.50	336.94	336.94
185	320.59	337.03	337.03
190	316.18	332.41	332.41
195	310.05	325.98	325.98
200	304.59	320.26	320.26
205	300.81	316.30	316.30
210	297.89	313.23	313.23
215	293.65	308.78	308.78
220	285.56	300.30	300.30
225	271.67	285.75	285.75
230	251.11	264.20	264.20
235	224.35	236.16	236.16
240	193.39	203.74	203.74
245	162.47	171.41	171.41
250	139.47	147.39	147.39
255	135.60	143.36	143.36
260	156.77	165.45	165.45
265	197.08	207.61	207.61
270	247.83	260.76	260.76
275	303.16	318.76	318.76
280	359.41	377.75	377.75
285	413.87	434.88	434.88
290	464.21	487.70	487.70
295	508.26	533.94	533.94
300	544.12	571.57	585.40
305	570.34	599.09	645.61
310	586.48	616.03	699.41
315	593.59	623.49	735.07
320	594.88	624.84	747.00
325	595.90	625.92	737.12
330	603.92	634.33	715.58
335	625.72	657.22	699.88
340	664.59	698.02	709.39
345	718.46	754.56	754.56
350	780.66	819.86	819.86
355	842.50	884.78	884.78