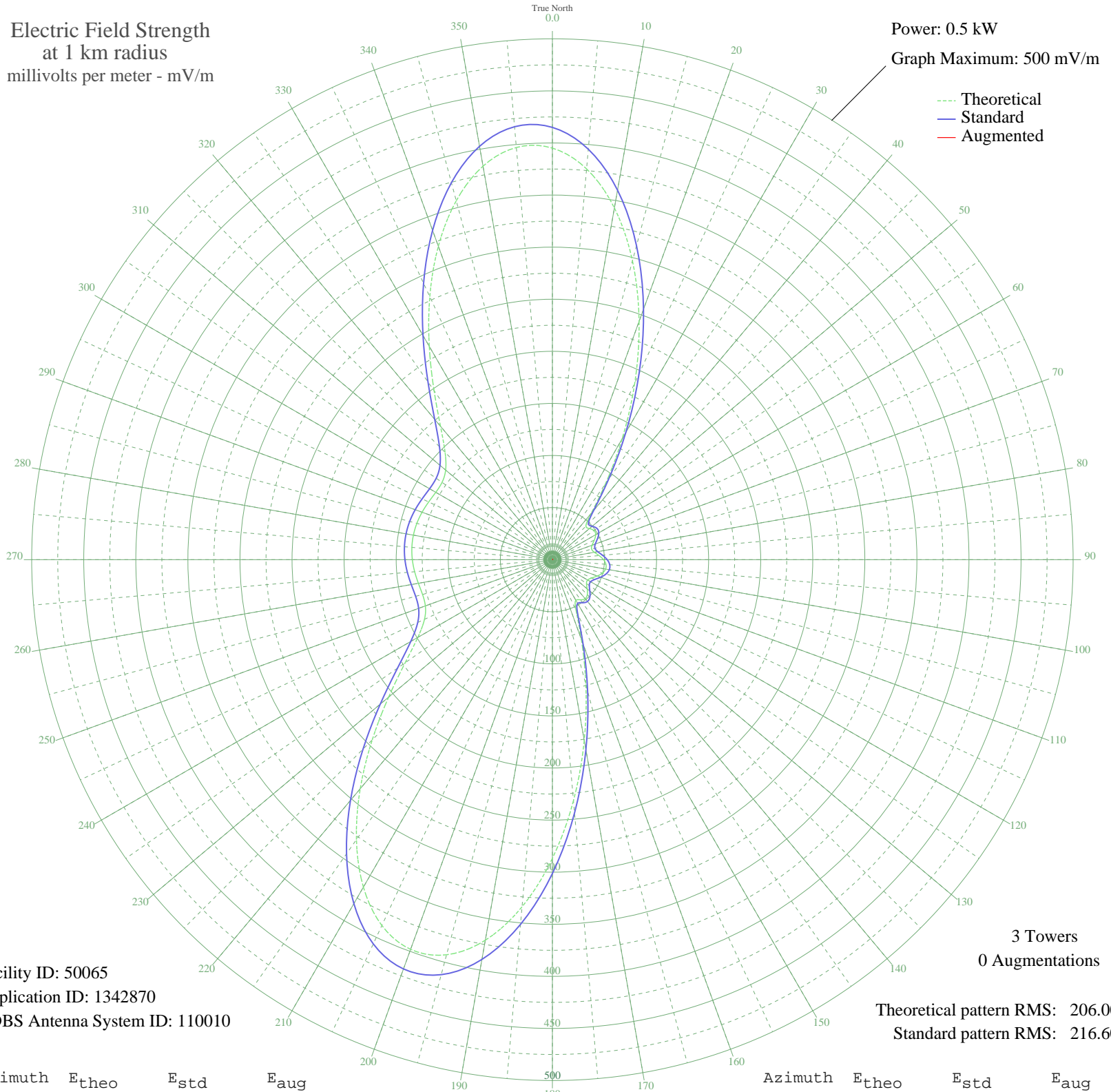


KOGA OGALLALA, NE BP-20091215AAE 930 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 50065
Application ID: 1342870
CDBS Antenna System ID: 110010

3 Towers
0 Augmentations

Theoretical pattern RMS: 206.00
Standard pattern RMS: 216.60

Azimuth	E _{theo}	E _{std}	E _{aug}
0	395.07	414.96	
5	376.56	395.53	
10	342.88	360.17	
15	297.02	312.05	
20	243.39	255.78	
25	187.20	196.84	
30	133.88	140.96	
35	88.81	93.84	
40	57.77	61.56	
45	45.49	48.90	
50	46.38	49.82	
55	48.78	52.28	
60	47.97	51.45	
65	44.40	47.79	
70	40.50	43.80	
75	38.97	42.24	
80	40.88	44.19	
85	44.96	48.37	
90	49.08	52.59	
95	51.65	55.24	
100	51.90	55.49	
105	49.75	53.28	
110	45.85	49.27	
115	41.60	44.92	
120	39.09	42.36	
125	39.93	43.22	
130	43.56	46.92	
135	47.42	50.88	
140	48.90	52.41	
145	47.00	50.46	
150	45.03	48.44	
155	53.77	57.43	
160	81.28	85.99	
165	124.03	130.65	
170	176.14	185.24	
175	232.19	244.02	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	286.76	301.28	
185	334.55	351.44	
190	370.97	389.66	
195	392.67	412.44	
200	398.07	418.10	
205	387.47	406.98	
210	362.97	381.26	
215	328.06	344.62	
220	287.08	301.62	
225	244.68	257.13	
230	205.28	215.80	
235	172.63	181.56	
240	149.20	157.02	
245	135.51	142.67	
250	129.80	136.69	
255	129.09	135.95	
260	130.67	137.60	
265	132.76	139.80	
270	134.48	141.59	
275	135.44	142.60	
280	135.53	142.69	
285	134.74	141.86	
290	133.15	140.21	
295	131.09	138.04	
300	129.30	136.17	
305	129.36	136.23	
310	133.82	140.90	
315	145.71	153.36	
320	167.15	175.82	
325	198.11	208.28	
330	236.43	248.47	
335	278.57	292.69	
340	320.20	336.37	
345	356.69	374.67	
350	383.59	402.90	
355	397.18	417.18	

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