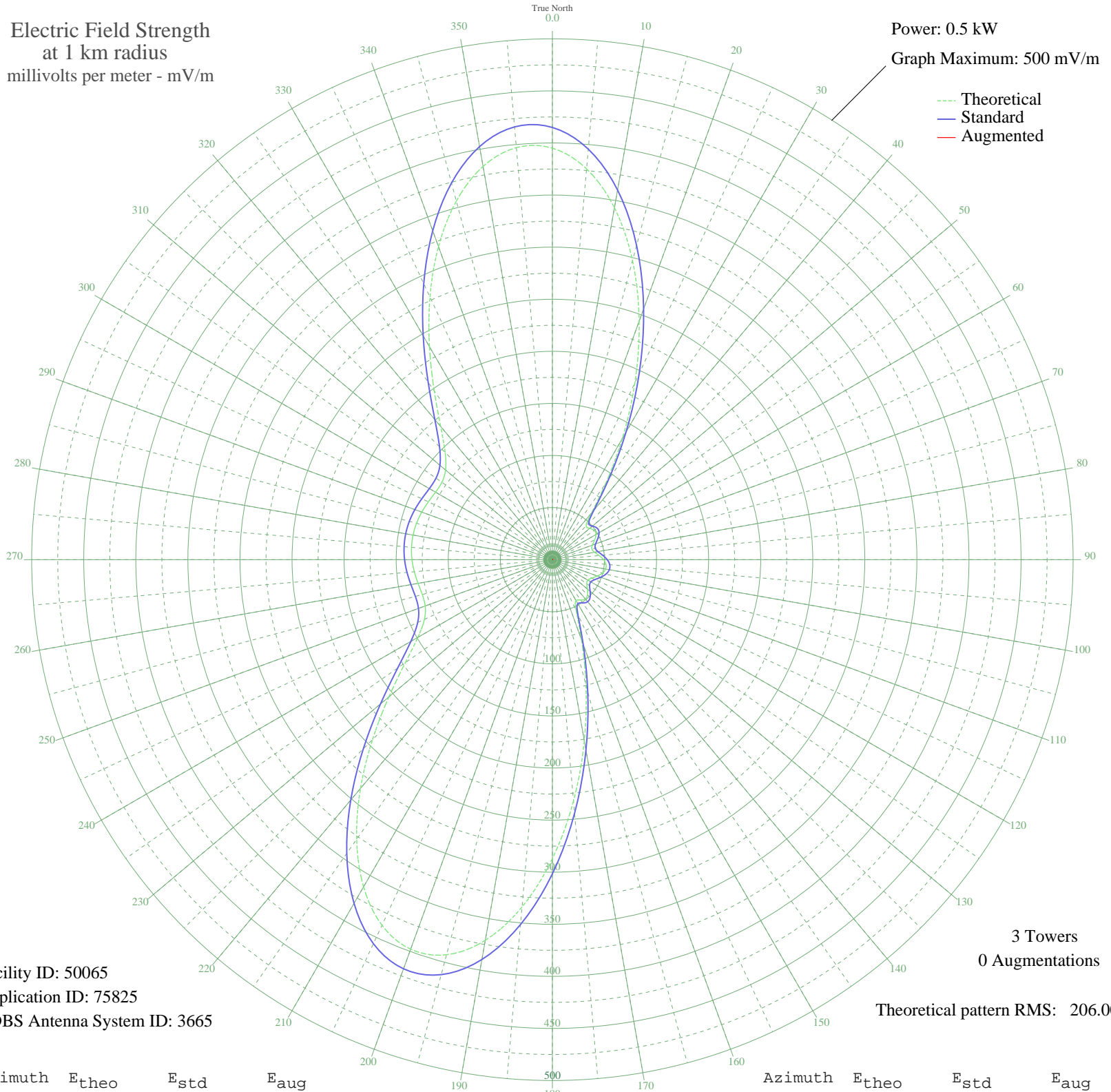


# KOGA OGALLALA, NE BL-19850204AB 930 kHz

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: 75825  
CDBS Antenna System ID: 3665

3 Towers  
0 Augmentations

Theoretical pattern RMS: 206.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	395.02	414.90	
5	376.62	395.59	
10	343.02	360.33	
15	297.25	312.29	
20	243.68	256.08	
25	187.53	197.18	
30	134.22	141.32	
35	89.16	94.20	
40	58.12	61.92	
45	45.81	49.23	
50	46.66	50.11	
55	49.06	52.57	
60	48.29	51.78	
65	44.75	48.15	
70	40.85	44.16	
75	39.26	42.54	
80	41.08	44.40	
85	45.07	48.47	
90	49.12	52.63	
95	51.66	55.25	
100	51.90	55.50	
105	49.79	53.32	
110	45.94	49.36	
115	41.77	45.10	
120	39.36	42.64	
125	40.28	43.57	
130	43.91	47.28	
135	47.74	51.22	
140	49.19	52.71	
145	47.28	50.74	
150	45.34	48.75	
155	54.11	57.78	
160	81.63	86.35	
165	124.37	131.01	
170	176.46	185.58	
175	232.48	244.33	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	287.00	301.53	
185	334.72	351.61	
190	371.04	389.73	
195	392.64	412.40	
200	397.93	417.96	
205	387.23	406.73	
210	362.65	380.93	
215	327.69	344.24	
220	286.70	301.21	
225	244.31	256.74	
230	204.97	215.47	
235	172.41	181.33	
240	149.12	156.92	
245	135.56	142.73	
250	129.96	136.87	
255	129.34	136.21	
260	130.96	137.91	
265	133.08	140.13	
270	134.81	141.94	
275	135.77	142.95	
280	135.86	143.04	
285	135.07	142.21	
290	133.47	140.54	
295	131.38	138.35	
300	129.55	136.44	
305	129.54	136.42	
310	133.89	140.98	
315	145.65	153.30	
320	166.96	175.62	
325	197.81	207.97	
330	236.07	248.09	
335	278.18	292.28	
340	319.83	335.98	
345	356.36	374.33	
350	383.33	402.64	
355	397.03	417.01	