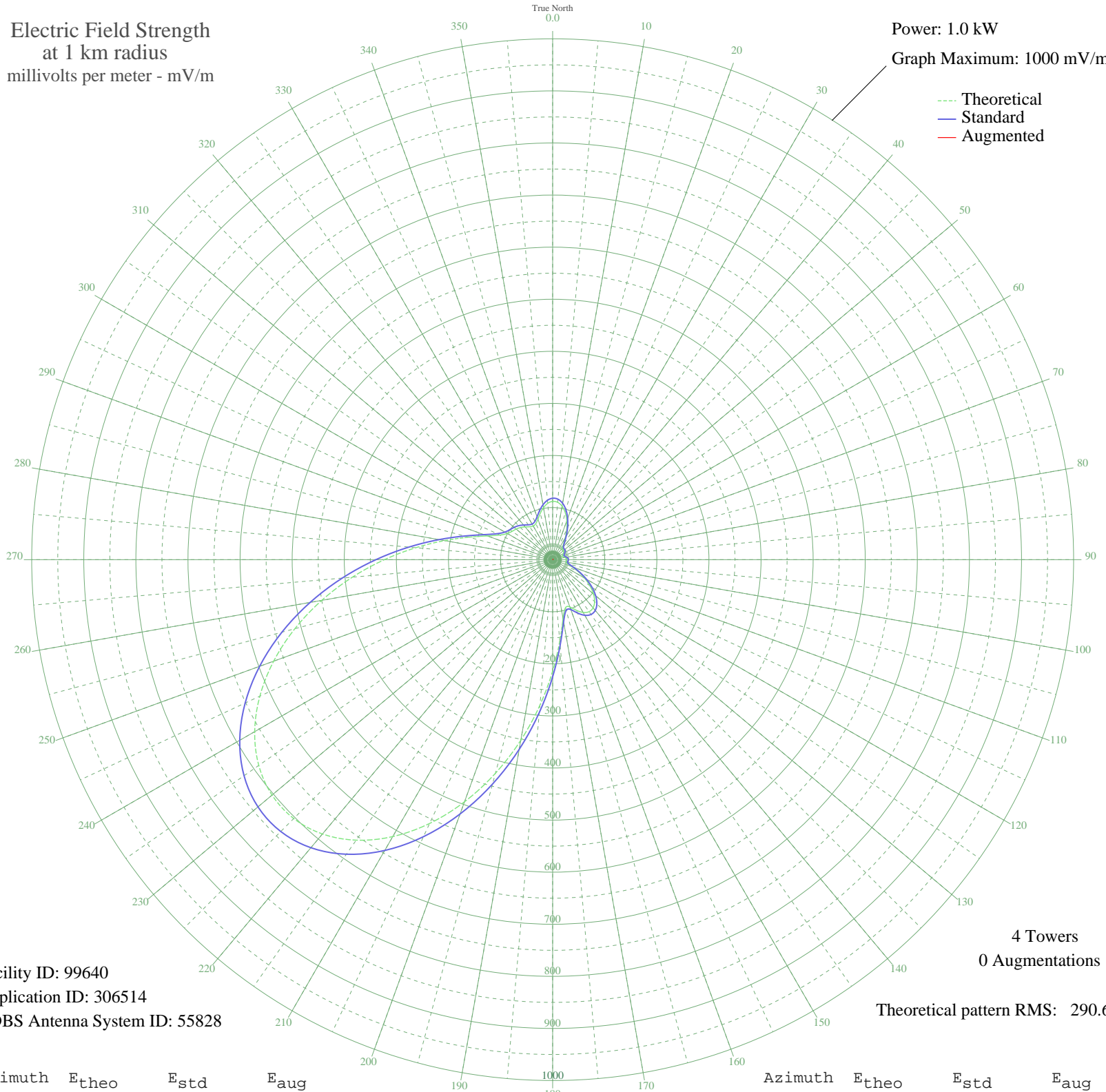


# NEW WICHITA, KS -- 1030 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 99640  
Application ID: 306514  
CDBS Antenna System ID: 55828

4 Towers  
0 Augmentations  
Theoretical pattern RMS: 290.62

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	111.91	117.97	
5	110.54	116.54	
10	104.23	109.95	
15	93.48	98.72	
20	79.40	84.03	
25	63.64	67.64	
30	48.33	51.82	
35	35.99	39.22	
40	28.95	32.16	
45	27.09	30.32	
50	27.16	30.39	
55	26.32	29.57	
60	23.89	27.19	
65	20.89	24.32	
70	19.45	22.96	
75	20.87	24.30	
80	23.91	27.21	
85	26.43	29.68	
90	27.18	30.41	
95	26.28	29.52	
100	25.77	29.02	
105	29.45	32.65	
110	39.31	42.59	
115	53.78	57.43	
120	70.42	74.68	
125	87.14	92.10	
130	102.15	107.77	
135	113.81	119.96	
140	120.74	127.21	
145	121.91	128.43	
150	117.00	123.29	
155	107.12	112.96	
160	96.57	101.94	
165	95.32	100.64	
170	115.02	121.22	
175	156.71	164.88	

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	213.85	224.79	
185	280.47	294.68	
190	352.05	369.80	
195	424.68	446.04	
200	494.73	519.57	
205	558.82	586.86	
210	613.91	644.69	
215	657.44	690.39	
220	687.50	721.96	
225	702.89	738.11	
230	703.17	738.41	
235	688.68	723.19	
240	660.45	693.55	
245	620.15	651.24	
250	569.94	598.52	
255	512.32	538.04	
260	450.05	472.67	
265	385.98	405.41	
270	322.91	339.22	
275	263.61	276.99	
280	210.68	221.46	
285	166.58	175.22	
290	133.35	140.41	
295	111.81	117.87	
300	100.34	105.88	
305	94.93	100.23	
310	91.40	96.54	
315	87.27	92.23	
320	82.09	86.83	
325	77.08	81.61	
330	74.49	78.92	
335	76.33	80.83	
340	82.78	87.55	
345	92.00	97.17	
350	101.36	106.94	
355	108.54	114.45	