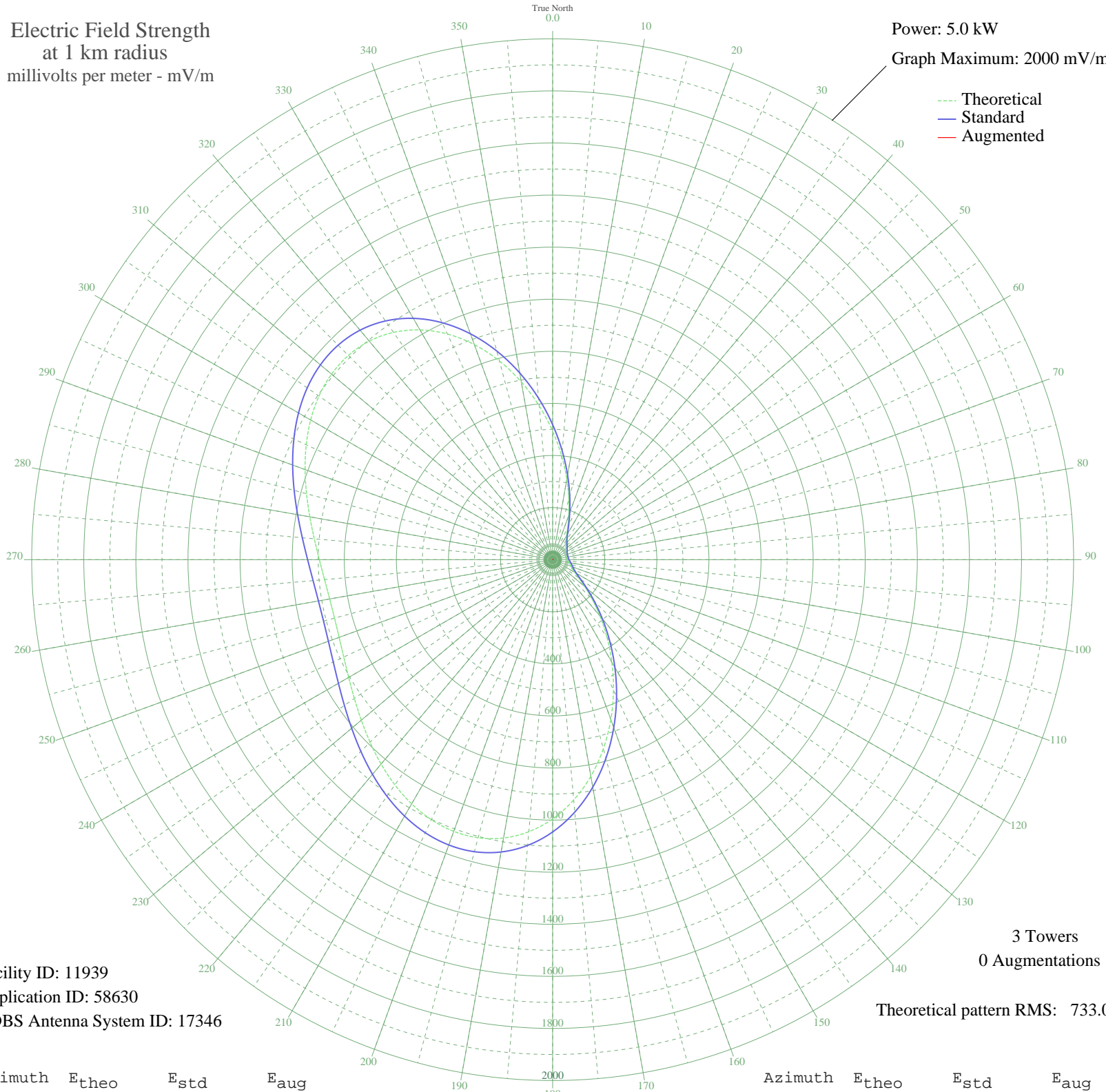


# KAKC TULSA, OK BL-19830705AK 1300 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 11939  
Application ID: 58630  
CDBS Antenna System ID: 17346

3 Towers  
0 Augmentations

Theoretical pattern RMS: 733.06

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	493.13	518.32	
5	398.83	419.43	
10	313.49	330.00	
15	240.14	253.24	
20	180.86	191.35	
25	136.61	145.34	
30	106.80	114.57	
35	88.76	96.11	
40	78.23	85.43	
45	71.27	78.43	
50	65.67	72.84	
55	60.84	68.06	
60	56.95	64.24	
65	54.24	61.60	
70	52.71	60.12	
75	52.14	59.57	
80	52.38	59.80	
85	53.50	60.88	
90	55.72	63.04	
95	59.15	66.40	
100	63.65	70.83	
105	68.93	76.09	
110	75.18	82.36	
115	83.90	91.17	
120	98.39	105.94	
125	123.05	131.32	
130	161.34	171.03	
135	214.66	226.61	
140	282.57	297.63	
145	363.43	382.32	
150	454.56	477.87	
155	552.47	580.57	
160	653.04	686.09	
165	751.79	789.73	
170	844.33	886.85	
175	926.64	973.26	

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	995.51	1045.55	
185	1048.74	1101.43	
190	1085.32	1139.82	
195	1105.38	1160.89	
200	1110.16	1165.90	
205	1101.70	1157.02	
210	1082.64	1137.01	
215	1055.93	1108.98	
220	1024.57	1076.05	
225	991.37	1041.21	
230	958.88	1007.10	
235	929.23	975.97	
240	904.11	949.61	
245	884.84	929.38	
250	872.30	916.22	
255	867.05	910.71	
260	869.31	913.08	
265	878.98	923.22	
270	895.64	940.72	
275	918.55	964.77	
280	946.57	994.18	
285	978.16	1027.34	
290	1011.36	1062.19	
295	1043.78	1096.22	
300	1072.71	1126.59	
305	1095.18	1150.18	
310	1108.22	1163.87	
315	1109.03	1164.72	
320	1095.28	1150.28	
325	1065.39	1118.90	
330	1018.76	1069.96	
335	955.95	1004.02	
340	878.68	922.91	
345	789.79	829.61	
350	693.01	728.04	
355	592.62	622.70	