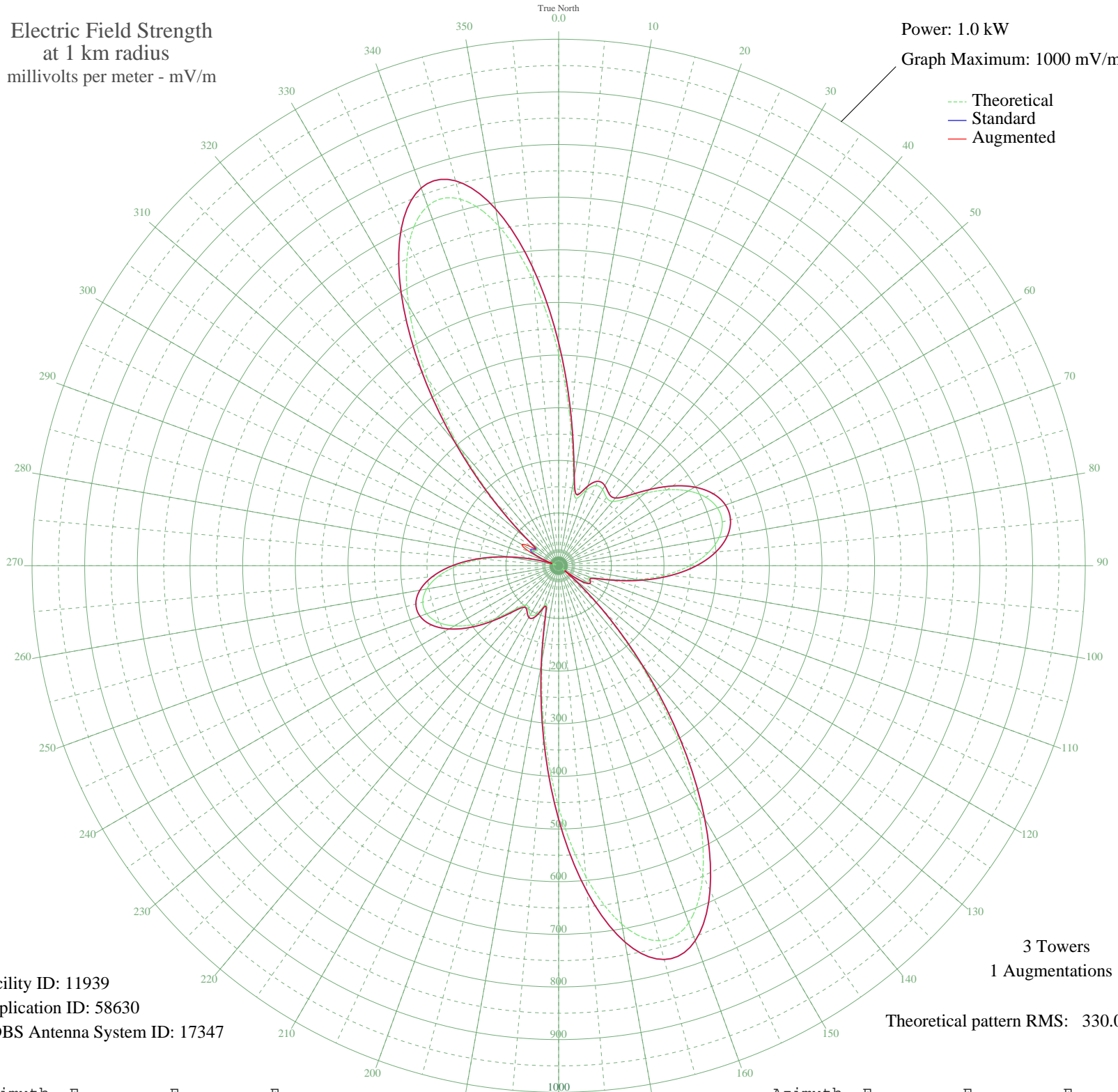


# KAKC TULSA, OK BL-19830705AK 1300 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 11939  
Application ID: 58630  
CDBS Antenna System ID: 17347

3 Towers  
1 Augmentations  
Theoretical pattern RMS: 330.08

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	403.19	423.51	423.51
5	265.17	278.67	278.67
10	162.26	170.77	170.77
15	132.44	139.55	139.55
20	152.47	160.52	160.52
25	168.08	176.87	176.87
30	166.82	175.55	175.55
35	158.40	166.73	166.73
40	159.51	167.89	167.89
45	179.77	189.12	189.12
50	213.92	224.92	224.92
55	251.30	264.12	264.12
60	284.12	298.56	298.56
65	308.04	323.66	323.66
70	320.86	337.11	337.11
75	321.53	337.81	337.81
80	309.62	325.31	325.31
85	285.20	299.68	299.68
90	248.99	261.70	261.70
95	202.87	213.33	213.33
100	150.74	158.71	158.71
105	100.16	105.81	105.81
110	65.90	70.17	70.17
115	61.43	65.55	65.55
120	63.48	67.67	67.67
125	43.09	46.72	46.72
130	16.82	21.17	21.17
135	109.65	115.72	115.72
140	237.18	249.31	249.31
145	383.47	402.81	402.81
150	527.98	554.50	554.50
155	647.67	680.15	680.15
160	721.89	758.08	758.08
165	737.34	774.29	774.29
170	691.32	725.98	725.98
175	592.47	622.21	622.21

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	458.68	481.75	481.75
185	313.06	328.92	328.92
190	180.36	189.74	189.74
195	90.35	95.59	95.59
200	80.65	85.48	85.48
205	102.04	107.77	107.77
210	107.27	113.24	113.24
215	99.31	104.92	104.92
220	97.35	102.88	102.88
225	117.68	124.11	124.11
230	154.33	162.46	162.46
235	194.03	204.06	204.06
240	228.47	240.17	240.17
245	253.36	266.28	266.28
250	266.56	280.13	280.13
255	267.07	280.67	280.67
260	254.56	267.55	267.55
265	229.26	241.00	241.00
270	192.08	202.02	202.02
275	144.99	152.69	152.69
280	91.47	96.76	96.76
285	36.94	40.51	40.51
290	12.67	17.70	17.70
295	46.05	49.75	56.07
300	57.63	61.63	80.46
305	49.44	53.21	59.16
310	73.91	78.48	78.48
315	164.86	173.49	173.49
320	292.56	307.41	307.41
325	434.99	456.88	456.88
330	569.50	598.09	598.09
335	673.16	706.91	706.91
340	727.04	763.48	763.48
345	720.75	756.88	756.88
350	655.10	687.95	687.95
355	542.21	569.44	569.44