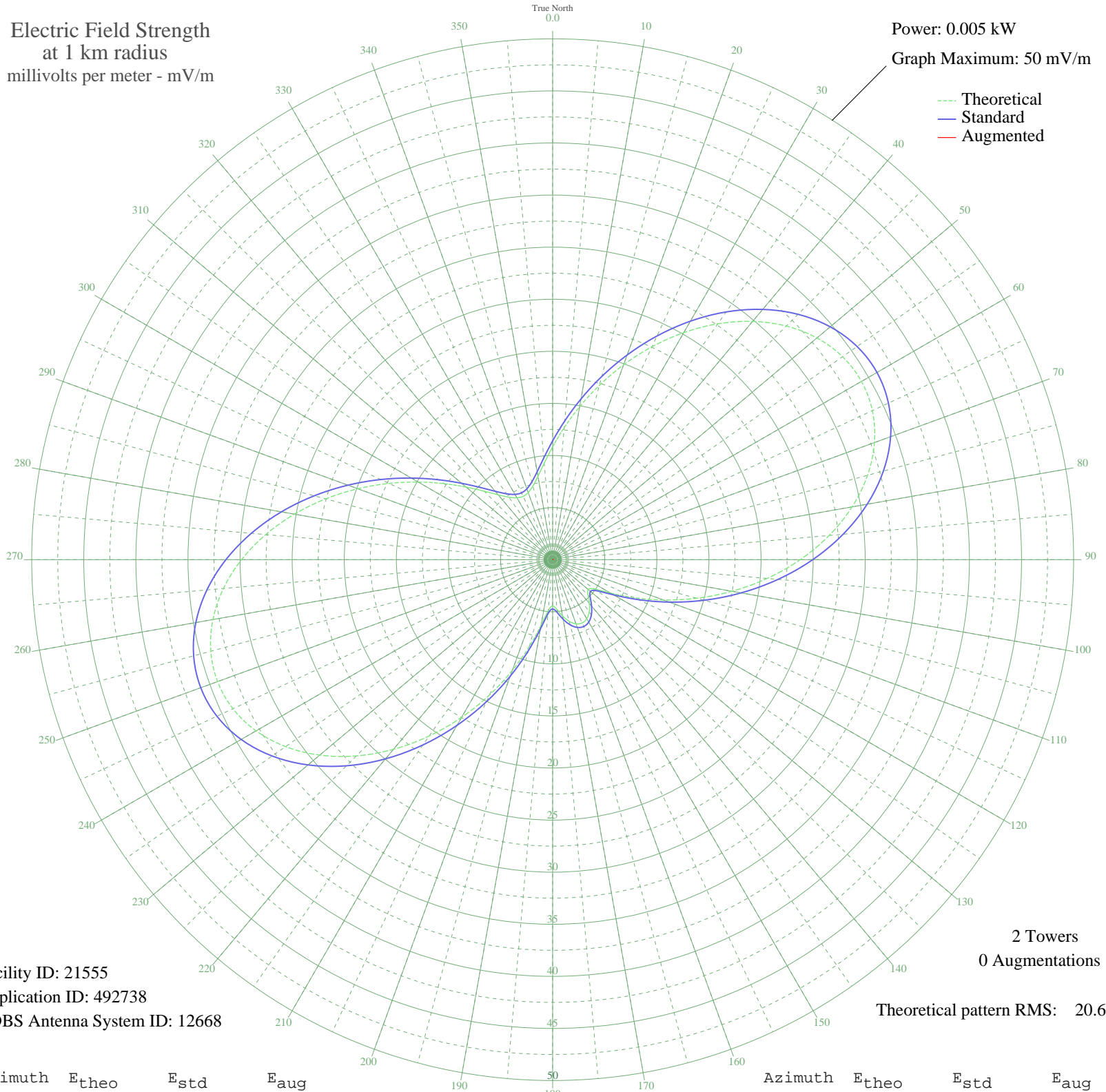


# KTLV MIDWEST CITY, OK BL-- 1220 kHz

Nighttime

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

Power: 0.005 kW  
Graph Maximum: 50 mV/m



Facility ID: 21555  
Application ID: 492738  
CDBS Antenna System ID: 12668

2 Towers  
0 Augmentations

Theoretical pattern RMS: 20.69

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	10.84	11.40	
5	12.72	13.38	
10	14.90	15.66	
15	17.32	18.20	
20	19.90	20.91	
25	22.55	23.69	
30	25.17	26.43	
35	27.64	29.03	
40	29.86	31.36	
45	31.72	33.31	
50	33.11	34.77	
55	33.97	35.67	
60	34.22	35.94	
65	33.86	35.56	
70	32.87	34.52	
75	31.29	32.86	
80	29.18	30.65	
85	26.64	27.98	
90	23.76	24.96	
95	20.67	21.72	
100	17.48	18.37	
105	14.32	15.06	
110	11.32	11.91	
115	8.61	9.08	
120	6.39	6.75	
125	4.92	5.22	
130	4.45	4.73	
135	4.81	5.10	
140	5.49	5.81	
145	6.13	6.48	
150	6.55	6.92	
155	6.70	7.08	
160	6.55	6.92	
165	6.13	6.48	
170	5.49	5.81	
175	4.81	5.10	

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.

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	4.45	4.73	
185	4.92	5.22	
190	6.39	6.75	
195	8.61	9.08	
200	11.32	11.91	
205	14.32	15.06	
210	17.48	18.37	
215	20.67	21.72	
220	23.76	24.96	
225	26.64	27.98	
230	29.18	30.65	
235	31.29	32.86	
240	32.87	34.52	
245	33.86	35.56	
250	34.22	35.94	
255	33.97	35.67	
260	33.11	34.77	
265	31.72	33.31	
270	29.86	31.36	
275	27.64	29.03	
280	25.17	26.43	
285	22.55	23.69	
290	19.90	20.91	
295	17.32	18.20	
300	14.90	15.66	
305	12.72	13.38	
310	10.84	11.40	
315	9.30	9.79	
320	8.13	8.57	
325	7.32	7.72	
330	6.86	7.24	
335	6.70	7.08	
340	6.86	7.24	
345	7.32	7.72	
350	8.13	8.57	
355	9.30	9.79	

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission