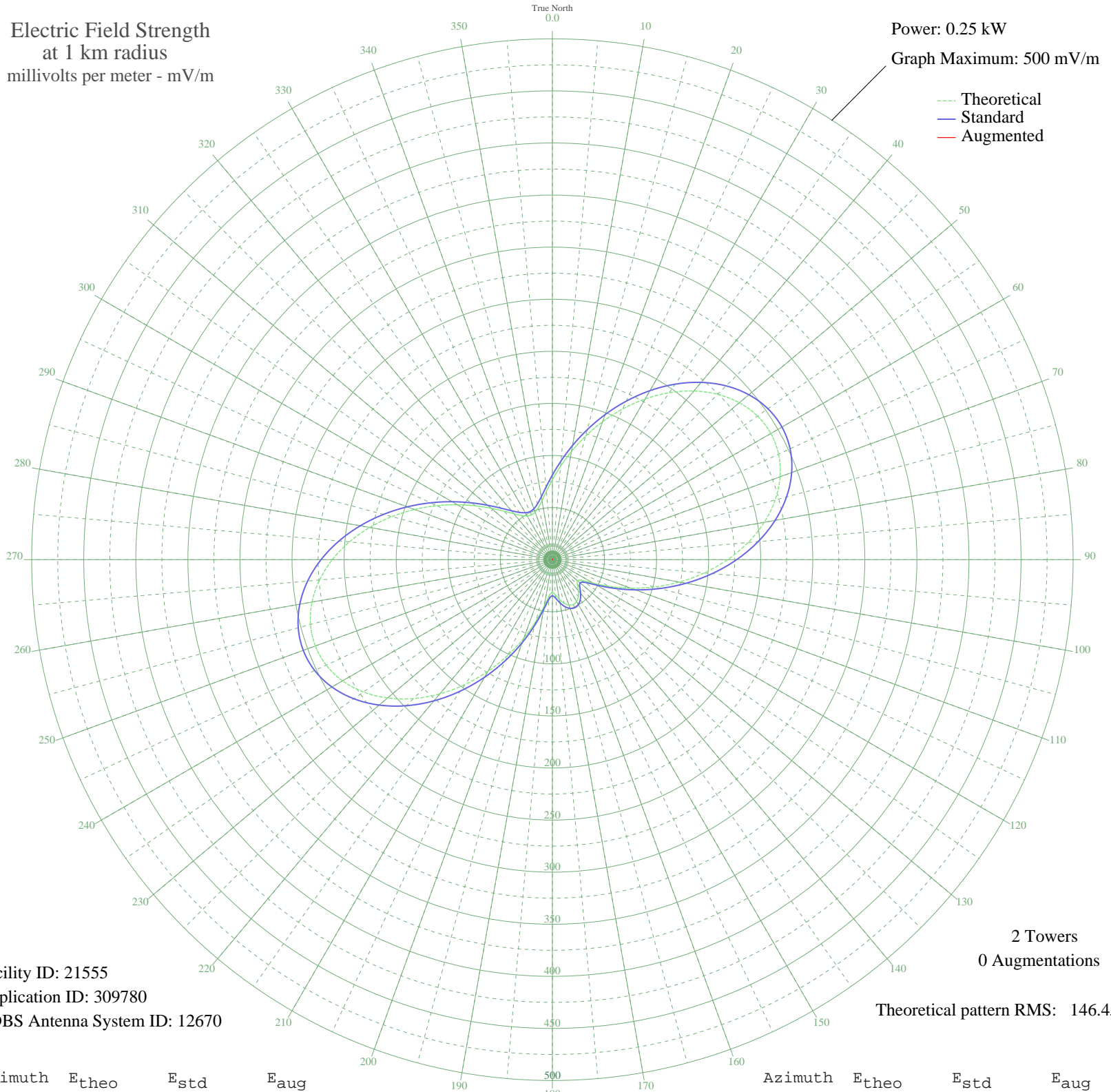


KTLV MIDWEST CITY, OK BL-- 1220 kHz

Daytime

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

Power: 0.25 kW
Graph Maximum: 500 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 21555
Application ID: 309780
CDBS Antenna System ID: 12670

2 Towers
0 Augmentations

Theoretical pattern RMS: 146.45

Azimuth	E _{theo}	E _{std}	E _{aug}
0	76.71	81.23	
5	90.03	95.11	
10	105.47	111.24	
15	122.59	129.15	
20	140.85	148.27	
25	159.60	167.91	
30	178.12	187.32	
35	195.63	205.68	
40	211.34	222.15	
45	224.48	235.93	
50	234.36	246.30	
55	240.41	252.65	
60	242.23	254.56	
65	239.63	251.83	
70	232.63	244.48	
75	221.46	232.77	
80	206.57	217.15	
85	188.57	198.27	
90	168.20	176.92	
95	146.30	153.97	
100	123.73	130.34	
105	101.36	106.95	
110	80.11	84.77	
115	60.97	64.88	
120	45.25	48.65	
125	34.83	38.05	
130	31.48	34.68	
135	34.01	37.22	
140	38.84	42.11	
145	43.36	46.73	
150	46.40	49.83	
155	47.45	50.92	
160	46.40	49.83	
165	43.36	46.73	
170	38.84	42.11	
175	34.01	37.22	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	31.48	34.68	
185	34.83	38.05	
190	45.25	48.65	
195	60.97	64.88	
200	80.11	84.77	
205	101.36	106.95	
210	123.73	130.34	
215	146.30	153.97	
220	168.20	176.92	
225	188.57	198.27	
230	206.57	217.15	
235	221.46	232.77	
240	232.63	244.48	
245	239.63	251.83	
250	242.23	254.56	
255	240.41	252.65	
260	234.36	246.30	
265	224.48	235.93	
270	211.34	222.15	
275	195.63	205.68	
280	178.12	187.32	
285	159.60	167.91	
290	140.85	148.27	
295	122.59	129.15	
300	105.47	111.24	
305	90.03	95.11	
310	76.71	81.23	
315	65.83	69.91	
320	57.54	61.32	
325	51.82	55.41	
330	48.52	52.02	
335	47.45	50.92	
340	48.52	52.02	
345	51.82	55.41	
350	57.54	61.32	
355	65.83	69.91	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission