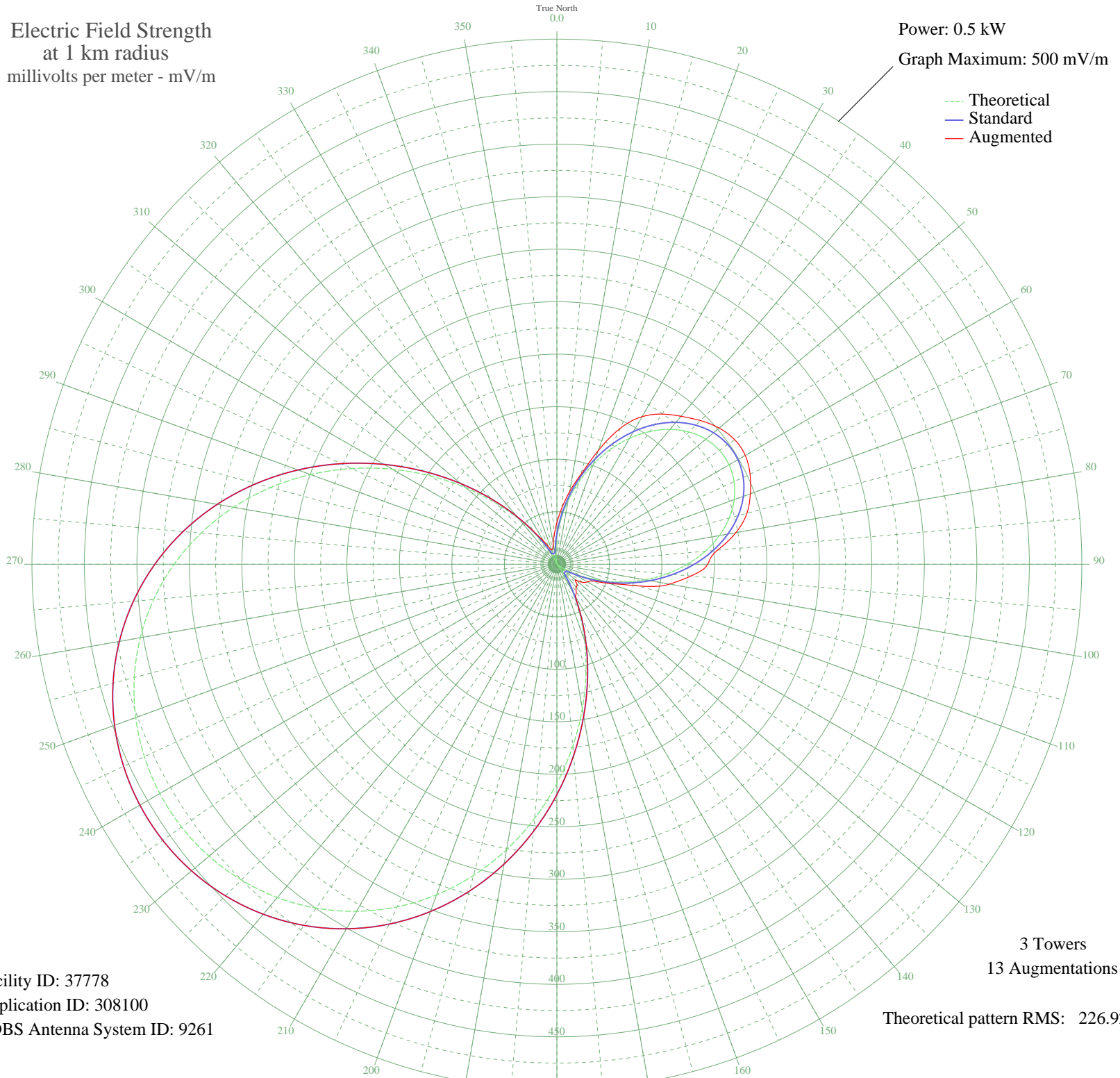


# KNED MCALESTER, OK BL-- 1150 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 37778  
Application ID: 308100  
CDBS Antenna System ID: 9261

3 Towers  
13 Augmentations  
Theoretical pattern RMS: 226.92

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	25.77	29.03	39.53
5	42.50	45.85	53.64
10	61.30	65.21	70.23
15	81.18	85.89	88.66
20	101.22	106.80	115.06
25	120.56	127.03	142.77
30	138.47	145.77	162.22
35	154.33	162.38	174.53
40	167.64	176.33	183.90
45	178.02	187.22	193.46
50	185.21	194.75	201.74
55	189.02	198.75	206.76
60	189.37	199.11	207.21
65	186.25	195.84	203.03
70	179.72	189.00	196.09
75	169.96	178.77	187.44
80	157.21	165.40	173.16
85	141.82	149.29	153.54
90	124.28	130.92	143.68
95	105.17	110.93	128.37
100	85.21	90.08	109.00
105	65.22	69.28	79.70
110	46.13	49.56	53.72
115	28.91	32.12	37.94
120	14.53	18.52	33.54
125	3.94	11.29	30.16
130	2.05	10.72	23.22
135	2.80	10.90	27.17
140	2.11	10.73	28.55
145	12.82	17.07	32.19
150	29.21	32.41	35.78
155	50.84	54.41	54.41
160	77.06	81.59	81.59
165	106.99	112.83	112.83
170	139.62	146.98	146.98
175	173.87	182.87	182.87

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	208.67	219.35	219.35
185	242.99	255.36	255.36
190	275.95	289.94	289.94
195	306.79	322.30	322.30
200	334.94	351.84	351.84
205	359.97	378.11	378.11
210	381.61	400.83	400.83
215	399.71	419.82	419.82
220	414.21	435.05	435.05
225	425.13	446.51	446.51
230	432.48	454.23	454.23
235	436.32	458.26	458.26
240	436.67	458.63	458.63
245	433.53	455.33	455.33
250	426.88	448.35	448.35
255	416.68	437.64	437.64
260	402.90	423.17	423.17
265	385.51	404.93	404.93
270	364.57	382.95	382.95
275	340.20	357.37	357.37
280	312.65	328.45	328.45
285	282.31	296.61	296.61
290	249.72	262.41	262.41
295	215.60	226.62	226.62
300	180.82	190.15	190.15
305	146.38	154.05	154.05
310	113.33	119.46	119.46
315	82.78	87.55	87.55
320	55.74	59.46	59.46
325	33.13	36.34	37.27
330	15.65	19.51	25.50
335	3.79	11.23	17.78
340	2.28	10.77	14.53
345	2.64	10.86	15.31
350	2.35	10.79	20.23
355	12.08	16.47	28.40