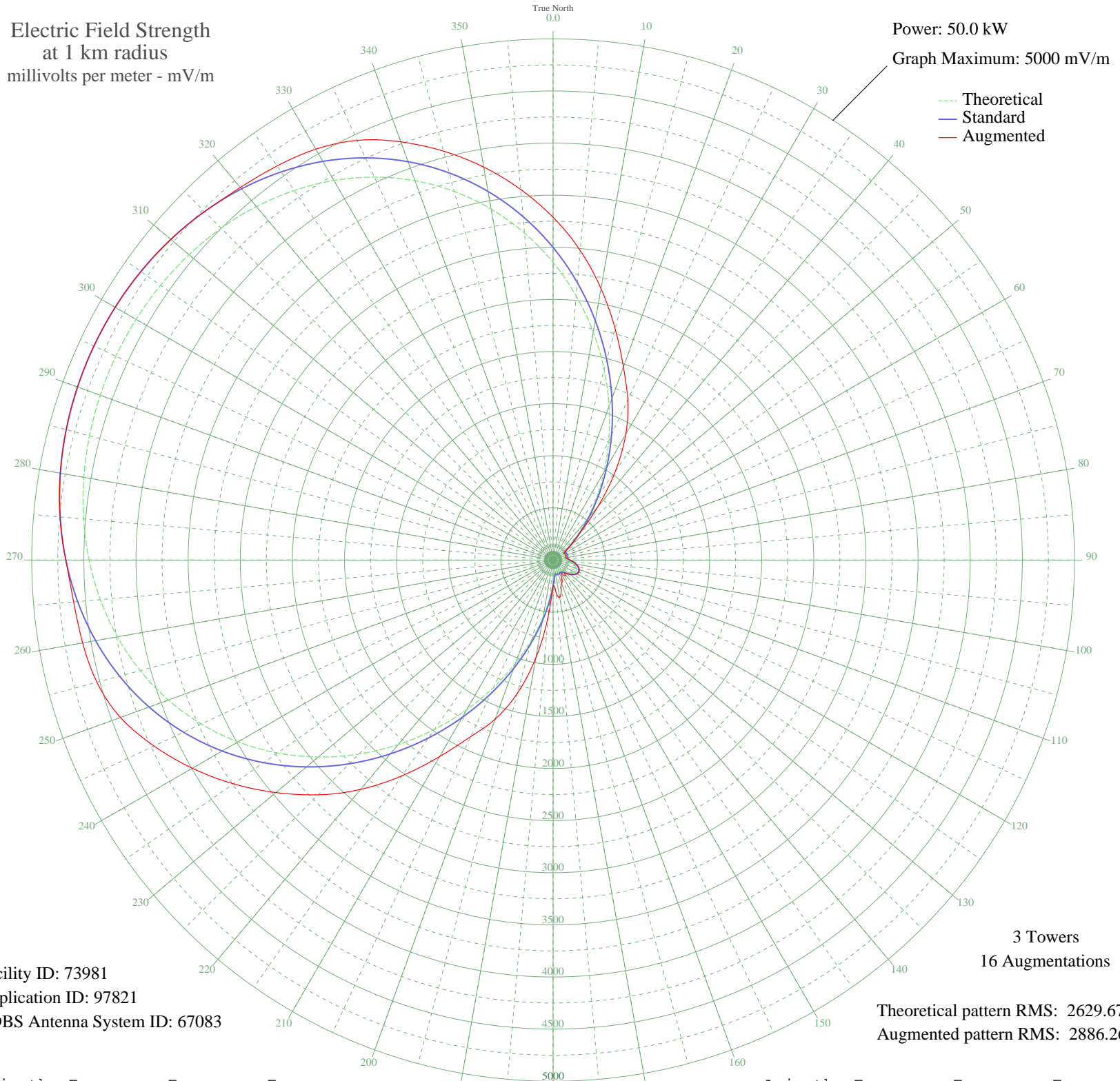


# KOKC OKLAHOMA CITY, OK BL-19870217AM 1520 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 73981  
Application ID: 97821  
CDBS Antenna System ID: 67083

Theoretical pattern RMS: 2629.67  
Augmented pattern RMS: 2886.26

Azimuth	Etheo	Estd	Eaug
0	2855.01	2998.79	3288.06
5	2542.78	2671.07	2981.29
10	2218.98	2331.25	2644.67
15	1891.69	1987.82	2297.48
20	1569.67	1650.02	1971.57
25	1261.79	1327.20	1695.41
30	976.45	1028.27	1393.60
35	721.10	761.21	1042.88
40	501.98	532.89	665.76
45	324.31	349.45	351.43
50	193.87	218.16	218.16
55	120.57	148.94	139.07
60	106.18	136.33	120.94
65	114.46	143.53	129.20
70	116.99	145.77	128.72
75	111.14	140.62	124.29
80	105.78	135.99	121.02
85	112.71	141.99	137.93
90	135.24	162.24	160.93
95	166.29	191.43	191.69
100	197.43	221.66	224.54
105	222.73	246.68	251.62
110	238.52	262.45	268.74
115	242.84	266.78	273.46
120	235.20	259.12	265.13
125	216.48	240.47	244.89
130	189.10	213.49	215.83
135	157.27	182.83	182.23
140	127.67	155.33	174.05
145	109.08	138.84	179.30
150	106.50	136.60	152.31
155	113.24	142.46	195.03
160	117.31	146.05	240.86
165	112.13	141.48	297.66
170	105.91	136.10	364.16
175	134.62	161.67	307.05

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	225.17	249.11	251.14
185	369.59	395.92	545.10
190	559.37	592.56	953.06
195	789.19	832.36	1322.90
200	1053.62	1109.08	1623.75
205	1346.07	1415.55	1869.20
210	1658.79	1743.50	2176.78
215	1983.18	2083.82	2526.86
220	2310.36	2427.14	2872.72
225	2631.69	2764.39	3185.53
230	2939.38	3087.34	3470.24
235	3226.84	3389.09	3742.77
240	3489.03	3664.33	3995.44
245	3722.62	3909.54	4222.61
250	3925.92	4122.96	4415.56
255	4098.75	4304.40	4529.24
260	4242.21	4455.01	4581.24
265	4358.31	4576.90	4615.79
270	4449.68	4672.82	4673.15
275	4519.14	4745.74	4745.74
280	4569.45	4798.57	4798.57
285	4603.02	4833.81	4833.81
290	4621.68	4853.40	4853.40
295	4626.53	4858.49	4858.49
300	4617.88	4849.41	4849.41
305	4595.19	4825.59	4825.59
310	4557.15	4785.65	4785.65
315	4501.73	4727.47	4727.47
320	4426.42	4648.41	4665.72
325	4328.41	4545.51	4615.37
330	4204.89	4415.84	4551.24
335	4053.38	4256.77	4442.46
340	3872.08	4066.44	4269.29
345	3660.23	3844.04	4061.24
350	3418.39	3590.16	3827.49
355	3148.70	3307.07	3568.92