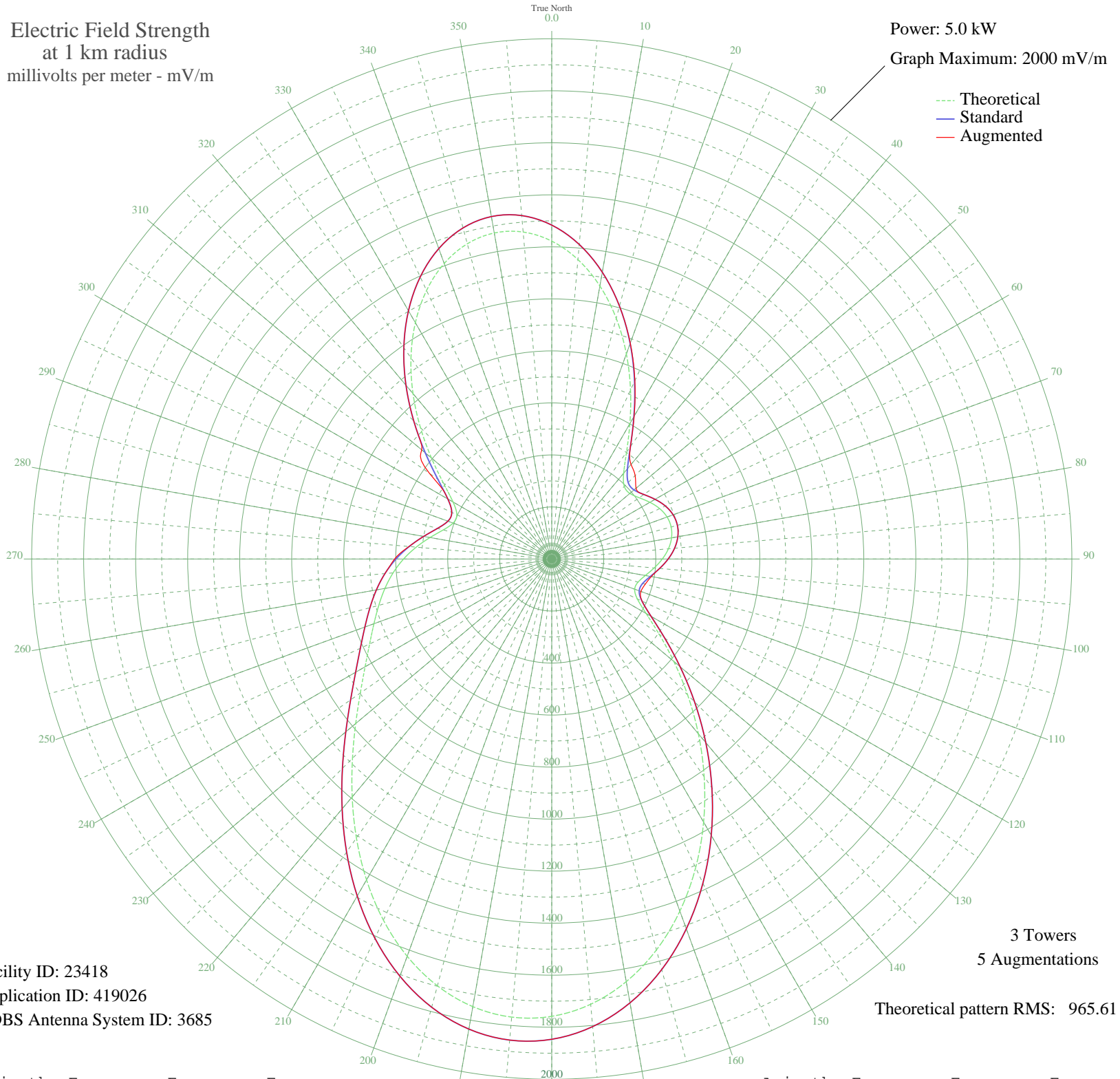


# WKY OKLAHOMA CITY, OK BL-4126 930 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 23418  
Application ID: 419026  
CDBS Antenna System ID: 3685

3 Towers  
5 Augmentations  
Theoretical pattern RMS: 965.61

Azimuth	Etheo	Estd	Eaug
0	1222.13	1283.66	1283.66
5	1155.59	1213.82	1213.82
10	1065.82	1119.60	1119.60
15	958.08	1006.53	1006.53
20	839.06	881.64	882.93
25	716.80	753.37	756.39
30	600.67	631.57	633.38
35	501.41	527.53	527.53
40	430.21	452.93	474.40
45	394.59	415.65	453.50
50	392.13	413.07	423.21
55	410.52	432.32	432.32
60	435.79	458.78	458.78
65	458.06	482.11	482.11
70	471.98	496.68	496.68
75	475.31	500.18	500.18
80	467.80	492.30	492.30
85	450.43	474.11	474.11
90	425.21	447.70	447.70
95	395.28	416.37	416.37
100	365.54	385.25	388.72
105	343.50	362.20	372.54
110	339.42	357.92	364.98
115	363.20	382.80	383.05
120	419.06	441.26	441.26
125	504.23	530.47	530.47
130	612.85	644.35	644.35
135	738.97	776.62	776.62
140	877.09	921.54	921.54
145	1021.89	1073.50	1073.50
150	1167.91	1226.76	1226.76
155	1309.45	1375.32	1375.32
160	1440.67	1513.07	1513.07
165	1555.88	1634.01	1634.01
170	1649.89	1732.70	1732.70
175	1718.37	1804.60	1804.60

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	1758.23	1846.44	1846.44
185	1767.89	1856.58	1856.58
190	1747.46	1835.14	1835.14
195	1698.78	1784.03	1784.03
200	1625.31	1706.89	1706.89
205	1531.89	1608.82	1608.82
210	1424.44	1496.03	1496.03
215	1309.51	1375.38	1375.38
220	1193.80	1253.92	1253.92
225	1083.57	1138.23	1138.23
230	984.06	1033.79	1033.79
235	898.72	944.24	944.24
240	828.74	870.80	870.80
245	772.80	812.12	812.12
250	727.57	764.66	764.66
255	688.57	723.76	723.76
260	651.37	684.74	684.74
265	612.42	643.89	643.89
270	569.69	599.10	604.30
275	523.13	550.29	550.89
280	475.22	500.08	500.08
285	431.93	454.74	454.74
290	403.49	424.96	424.96
295	402.73	424.16	424.16
300	438.26	461.36	461.36
305	508.33	534.77	574.03
310	603.72	634.77	652.62
315	713.97	750.40	750.40
320	829.94	872.07	872.07
325	943.87	991.62	991.62
330	1048.94	1101.88	1101.88
335	1139.09	1196.50	1196.50
340	1209.06	1269.94	1269.94
345	1254.59	1317.73	1317.73
350	1272.67	1336.71	1336.71
355	1261.79	1325.30	1325.30