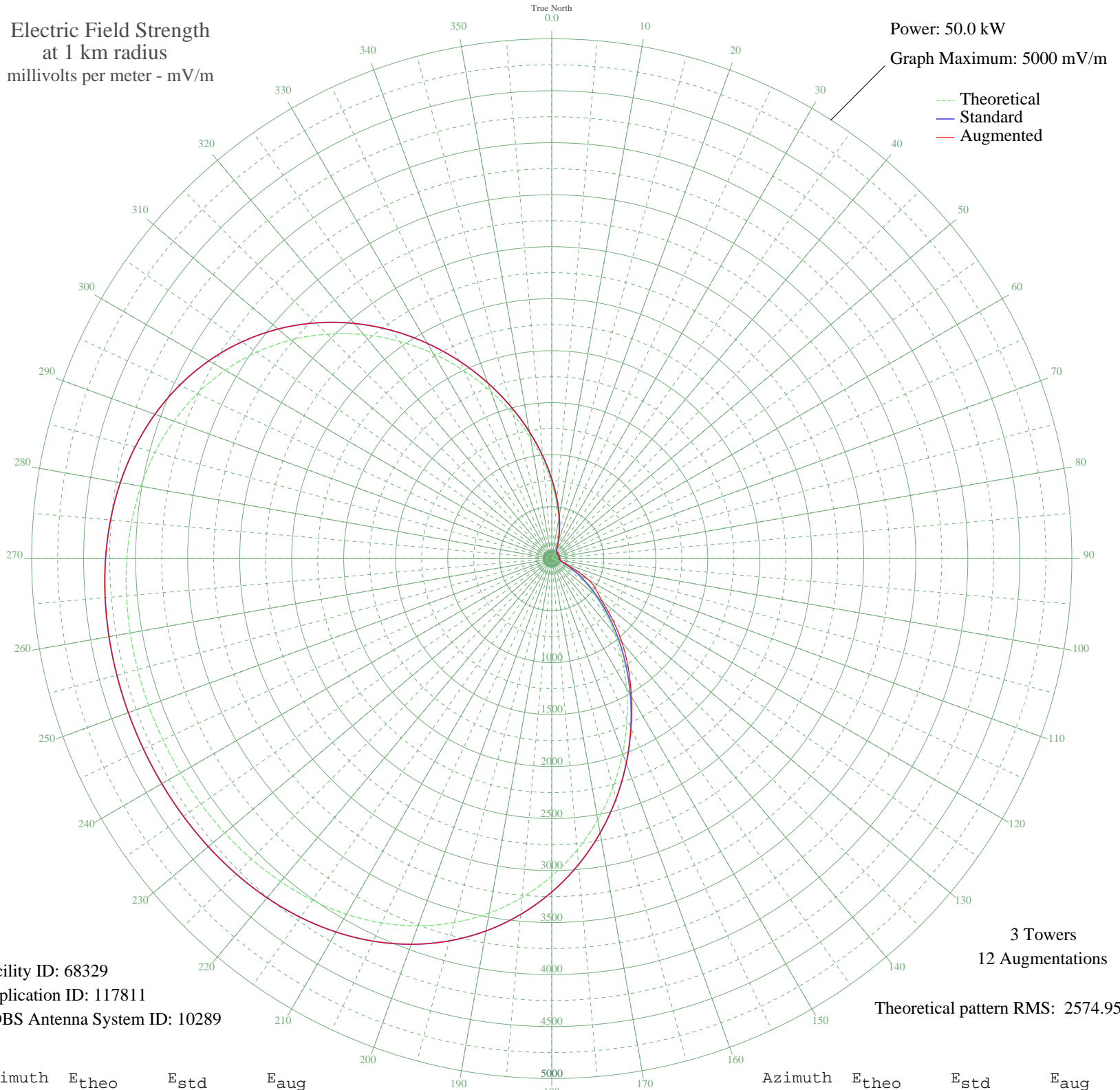


# KFAQ TULSA, OK BL-19880908AD 1170 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 68329  
Application ID: 117811  
CDBS Antenna System ID: 10289

3 Towers  
12 Augmentations  
Theoretical pattern RMS: 2574.95

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	726.60	766.54	766.54
5	541.95	573.87	573.87
10	387.44	413.53	413.53
15	263.02	285.98	285.98
20	167.20	190.61	190.61
25	97.30	126.30	126.30
30	49.79	90.81	95.18
35	20.61	77.33	85.95
40	5.47	74.47	80.46
45	0.23	74.25	78.19
50	1.06	74.25	75.13
55	4.71	74.41	72.49
60	8.61	74.79	72.59
65	11.01	75.14	72.54
70	11.01	75.14	72.73
75	8.61	74.79	74.16
80	4.71	74.41	74.18
85	1.06	74.25	74.01
90	0.23	74.25	74.10
95	5.47	74.47	78.70
100	20.61	77.33	84.31
105	49.79	90.81	93.87
110	97.30	126.30	140.22
115	167.20	190.61	232.36
120	263.02	285.98	408.19
125	387.44	413.53	519.70
130	541.95	573.87	628.70
135	726.60	766.54	823.60
140	939.84	989.62	1048.53
145	1178.46	1239.61	1281.97
150	1437.74	1511.46	1531.33
155	1711.67	1798.78	1802.71
160	1993.30	2094.29	2094.29
165	2275.27	2390.19	2390.19
170	2550.25	2678.79	2678.79
175	2811.46	2952.97	2952.97

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	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	3053.15	3206.66	3206.66
185	3270.83	3435.18	3435.18
190	3461.58	3635.42	3635.42
195	3624.00	3805.93	3805.93
200	3758.21	3946.82	3946.82
205	3865.61	4059.57	4059.57
210	3948.63	4146.73	4146.73
215	4010.42	4211.60	4211.60
220	4054.51	4257.89	4257.89
225	4084.52	4289.39	4289.39
230	4103.86	4309.69	4309.69
235	4115.52	4321.93	4321.93
240	4121.90	4328.63	4328.63
245	4124.67	4331.54	4331.54
250	4124.67	4331.54	4331.54
255	4121.90	4328.63	4328.63
260	4115.52	4321.93	4321.93
265	4103.86	4309.69	4309.69
270	4084.52	4289.39	4289.39
275	4054.51	4257.89	4257.89
280	4010.42	4211.60	4211.60
285	3948.63	4146.73	4146.73
290	3865.61	4059.57	4059.57
295	3758.21	3946.82	3946.82
300	3624.00	3805.93	3805.93
305	3461.58	3635.41	3635.41
310	3270.83	3435.18	3435.18
315	3053.14	3206.66	3206.66
320	2811.46	2952.97	2952.97
325	2550.24	2678.78	2678.78
330	2275.27	2390.18	2390.18
335	1993.30	2094.28	2094.28
340	1711.67	1798.78	1798.78
345	1437.74	1511.45	1511.45
350	1178.46	1239.61	1239.61
355	939.83	989.62	989.62