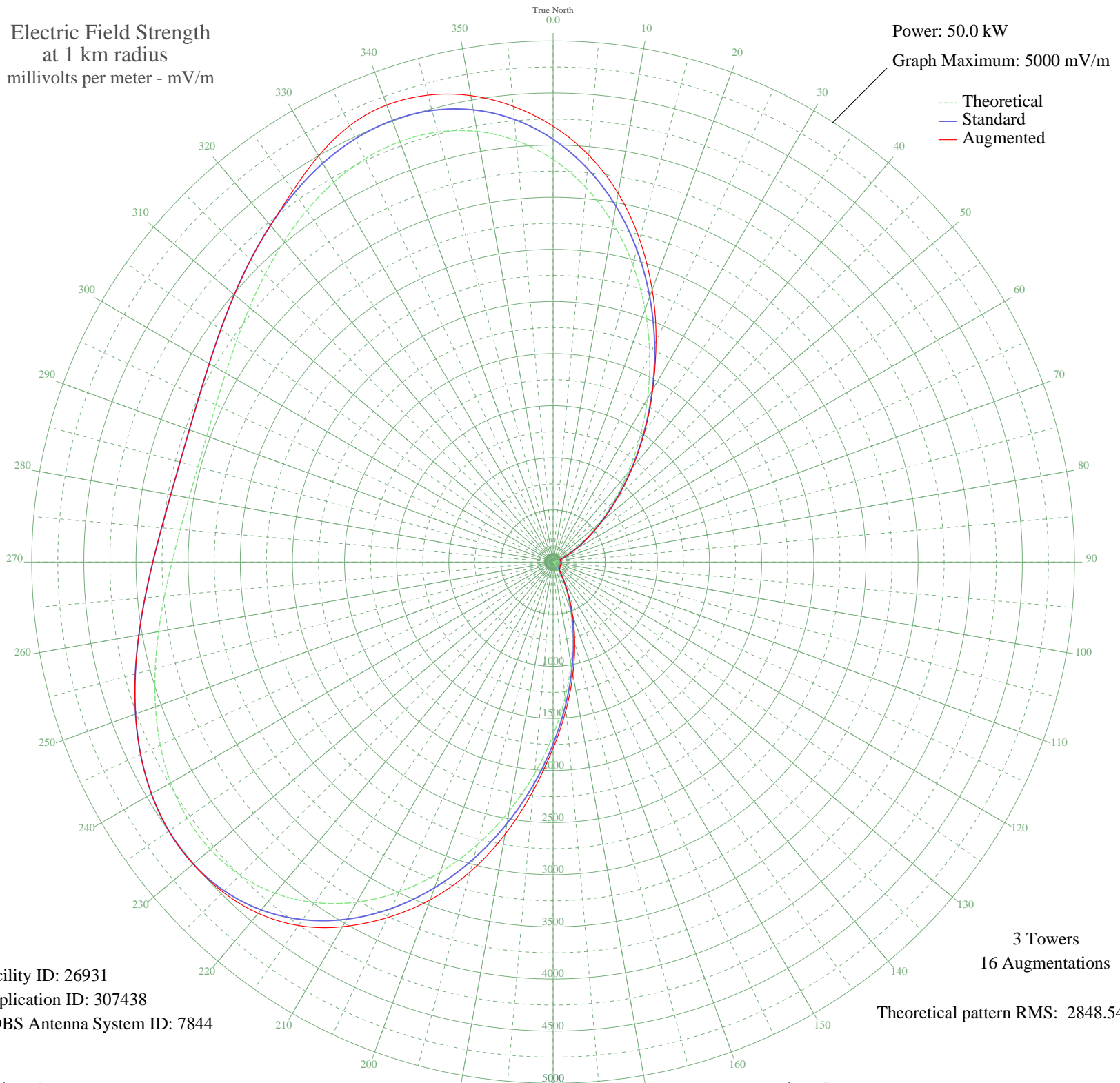


# KFAB OMAHA, NE BL-- 1110 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 26931  
Application ID: 307438  
CDBS Antenna System ID: 7844

3 Towers  
16 Augmentations  
Theoretical pattern RMS: 2848.54

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	3862.64	4056.45	4181.88
5	3607.72	3788.84	3919.05
10	3301.31	3467.17	3592.32
15	2953.98	3102.57	3205.09
20	2579.28	2709.27	2779.52
25	2192.58	2303.41	2336.63
30	1809.65	1901.58	1911.42
35	1445.31	1519.39	1530.86
40	1112.18	1170.15	1182.11
45	819.79	863.98	874.76
50	574.04	607.30	614.97
55	377.14	402.89	406.00
60	227.89	250.54	249.72
65	122.31	148.34	136.37
70	54.33	93.63	69.88
75	16.65	76.28	69.50
80	1.50	74.26	72.93
85	1.35	74.26	74.26
90	9.36	74.89	74.89
95	19.84	77.11	77.11
100	28.47	80.04	80.04
105	32.49	81.71	80.98
110	30.74	80.96	73.33
115	23.70	78.31	75.61
120	13.53	75.59	78.88
125	3.92	74.36	82.15
130	0.05	74.25	84.14
135	8.32	74.76	89.10
140	36.05	83.34	97.87
145	91.00	121.00	121.00
150	180.72	203.77	203.77
155	311.89	335.79	349.72
160	489.41	519.22	552.46
165	715.69	755.13	800.92
170	989.92	1042.07	1092.14
175	1307.70	1375.09	1422.61

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	1660.91	1745.54	1785.89
185	2038.09	2141.28	2204.21
190	2425.15	2547.49	2651.72
195	2806.55	2947.81	3078.26
200	3166.58	3325.74	3449.29
205	3490.82	3666.12	3764.87
210	3767.38	3956.44	4039.61
215	3987.87	4187.93	4257.05
220	4148.00	4356.04	4399.42
225	4247.62	4460.62	4477.71
230	4290.42	4505.55	4507.05
235	4283.21	4497.99	4497.99
240	4235.08	4447.45	4447.45
245	4156.37	4364.82	4364.82
250	4057.80	4261.34	4261.34
255	3949.70	4147.85	4147.85
260	3841.44	4034.20	4034.20
265	3741.06	3928.81	3928.81
270	3655.10	3838.58	3838.58
275	3588.61	3768.78	3768.78
280	3545.15	3723.15	3723.15
285	3526.90	3703.99	3703.99
290	3534.75	3712.23	3712.23
295	3568.31	3747.47	3747.47
300	3625.94	3807.96	3807.96
305	3704.63	3890.57	3890.57
310	3799.94	3990.63	3990.63
315	3905.94	4101.91	4101.91
320	4015.16	4216.57	4216.57
325	4118.73	4325.30	4349.77
330	4206.66	4417.62	4498.88
335	4268.31	4482.34	4618.26
340	4293.07	4508.33	4666.29
345	4271.24	4485.42	4637.59
350	4194.98	4405.36	4544.06
355	4059.27	4262.88	4389.35