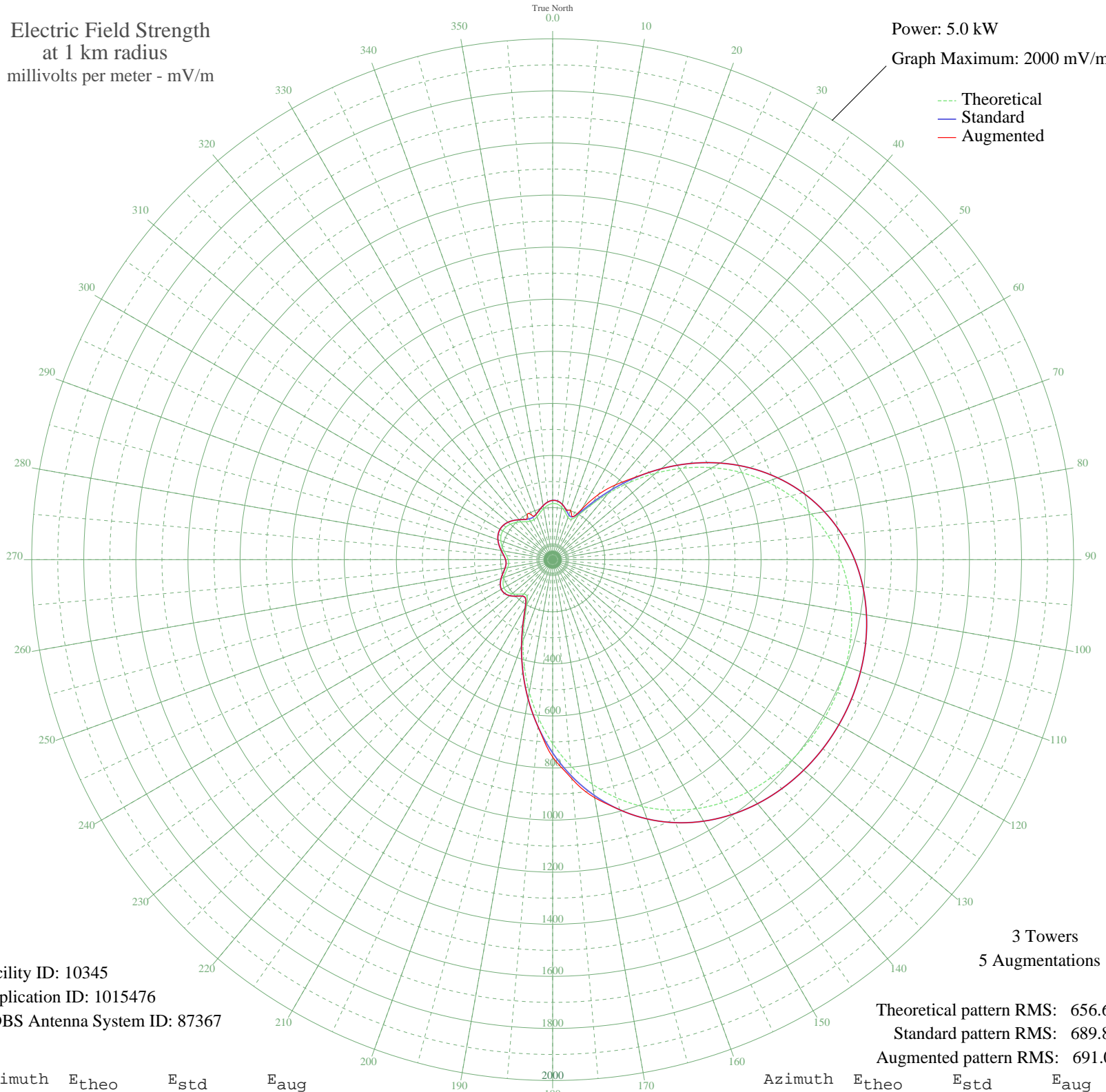


# KKLO LEAVENWORTH, KS BL-20040813ABW 1410 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 10345  
Application ID: 1015476  
CDBS Antenna System ID: 87367

3 Towers  
5 Augmentations

Theoretical pattern RMS: 656.60  
Standard pattern RMS: 689.83  
Augmented pattern RMS: 691.05

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	215.69	227.68	227.68
5	213.73	225.64	225.64
10	203.69	215.16	215.16
15	187.65	198.43	198.43
20	172.46	182.60	201.17
25	171.47	181.57	181.57
30	198.46	209.70	224.65
35	254.72	268.49	304.19
40	331.81	349.19	374.58
45	421.14	442.82	447.13
50	516.35	542.68	542.68
55	612.64	643.70	643.70
60	706.27	741.96	741.96
65	794.40	834.45	834.45
70	874.95	919.00	919.00
75	946.58	994.19	994.19
80	1008.64	1059.33	1059.33
85	1061.01	1114.31	1114.31
90	1104.05	1159.49	1159.49
95	1138.41	1195.56	1195.56
100	1164.90	1223.38	1223.38
105	1184.40	1243.85	1243.85
110	1197.69	1257.79	1257.79
115	1205.40	1265.88	1265.88
120	1207.92	1268.53	1268.53
125	1205.40	1265.88	1265.88
130	1197.69	1257.79	1257.79
135	1184.40	1243.85	1243.85
140	1164.90	1223.38	1223.38
145	1138.41	1195.56	1195.56
150	1104.05	1159.49	1159.49
155	1061.01	1114.31	1114.31
160	1008.64	1059.33	1059.33
165	946.58	994.19	994.19
170	874.95	919.00	927.93
175	794.40	834.45	844.28

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.

04 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	706.27	741.96	757.71
185	612.64	643.70	643.70
190	516.35	542.68	542.68
195	421.14	442.82	442.82
200	331.81	349.19	349.19
205	254.72	268.49	268.49
210	198.46	209.70	209.70
215	171.47	181.57	181.57
220	172.46	182.60	182.60
225	187.65	198.43	198.43
230	203.69	215.16	215.16
235	213.73	225.64	225.64
240	215.69	227.68	227.68
245	210.13	221.89	221.89
250	199.29	210.57	210.57
255	186.44	197.16	197.16
260	175.37	185.63	185.63
265	169.52	179.54	179.54
270	170.66	180.73	180.73
275	178.12	188.49	188.49
280	189.37	200.21	200.21
285	201.42	212.79	212.79
290	211.77	223.60	223.60
295	218.65	230.78	230.78
300	221.05	233.29	233.29
305	218.65	230.78	230.78
310	211.77	223.60	223.60
315	201.42	212.79	212.79
320	189.37	200.21	200.21
325	178.12	188.49	188.49
330	170.66	180.73	195.17
335	169.52	179.54	187.35
340	175.37	185.63	185.63
345	186.44	197.17	197.17
350	199.29	210.57	210.57
355	210.13	221.89	221.89