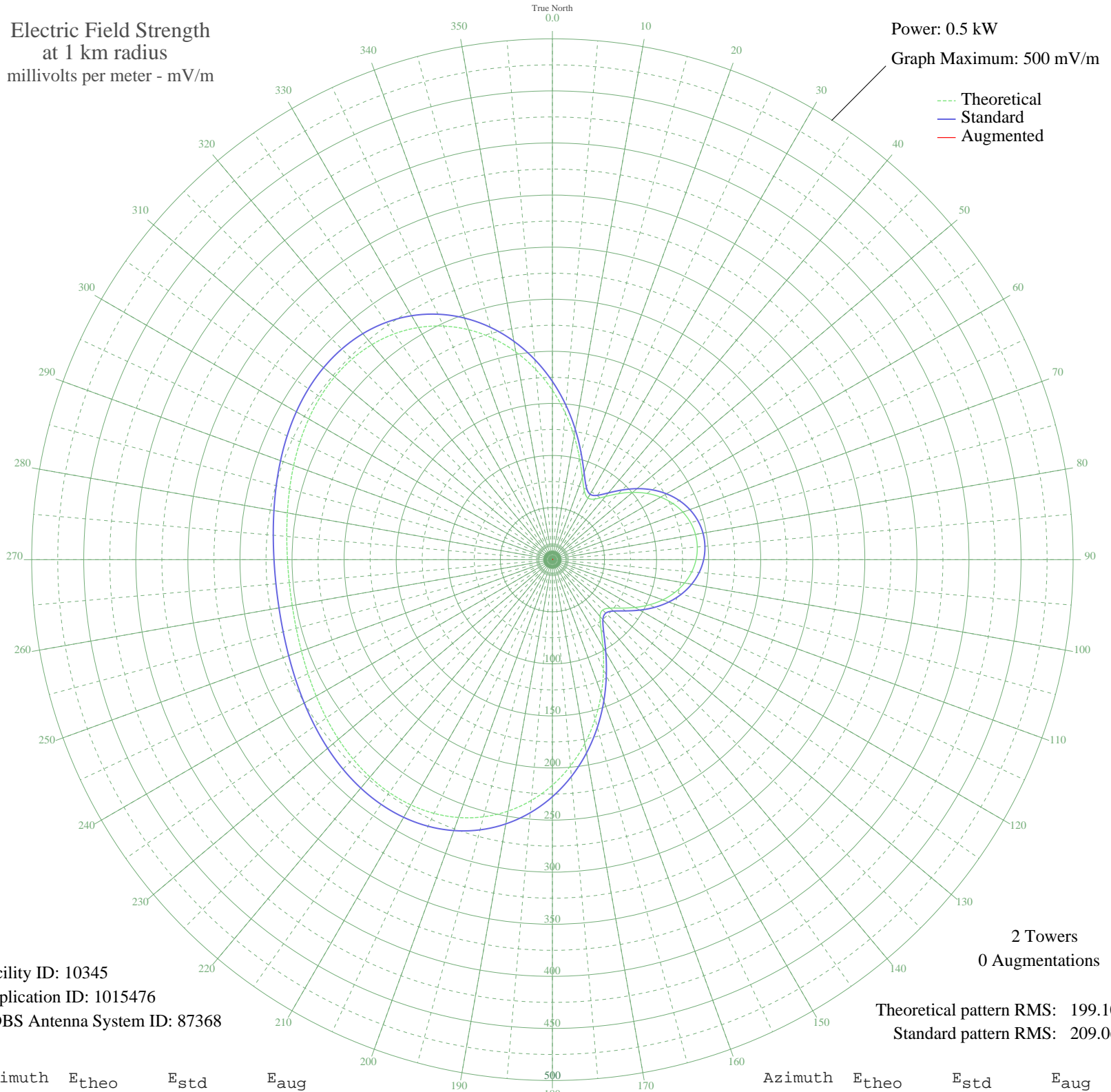


# KKLO LEAVENWORTH, KS BL-20040813ABW 1410 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 10345  
Application ID: 1015476  
CDBS Antenna System ID: 87368

2 Towers  
0 Augmentations

Theoretical pattern RMS: 199.10  
Standard pattern RMS: 209.06

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	162.67	171.13	
5	141.41	148.85	
10	120.36	126.82	
15	100.72	106.27	
20	84.10	88.93	
25	72.64	76.99	
30	68.26	72.44	
35	71.11	75.40	
40	79.07	83.69	
45	89.51	94.57	
50	100.49	106.03	
55	110.87	116.88	
60	120.01	126.45	
65	127.59	134.38	
70	133.41	140.47	
75	137.38	144.63	
80	139.47	146.82	
85	139.66	147.02	
90	137.95	145.23	
95	134.35	141.46	
100	128.90	135.75	
105	121.66	128.18	
110	112.81	118.91	
115	102.64	108.28	
120	91.71	96.86	
125	81.04	85.74	
130	72.38	76.72	
135	68.29	72.47	
140	71.15	75.45	
145	81.33	86.04	
150	97.09	102.48	
155	116.28	122.54	
160	137.15	144.39	
165	158.45	166.70	
170	179.23	188.49	
175	198.77	208.98	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	216.51	227.58	
185	232.05	243.87	
190	245.10	257.57	
195	255.55	268.53	
200	263.39	276.76	
205	268.75	282.38	
210	271.83	285.61	
215	272.94	286.78	
220	272.42	286.24	
225	270.67	284.40	
230	268.08	281.68	
235	265.03	278.48	
240	261.87	275.17	
245	258.93	272.08	
250	256.46	269.49	
255	254.67	267.61	
260	253.69	266.58	
265	253.60	266.48	
270	254.40	267.33	
275	256.04	269.05	
280	258.39	271.51	
285	261.26	274.52	
290	264.39	277.81	
295	267.49	281.06	
300	270.21	283.91	
305	272.16	285.96	
310	272.95	286.79	
315	272.20	286.00	
320	269.54	283.21	
325	264.66	278.09	
330	257.33	270.40	
335	247.40	259.98	
340	234.86	246.83	
345	219.81	231.04	
350	202.48	212.86	
355	183.26	192.71	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission