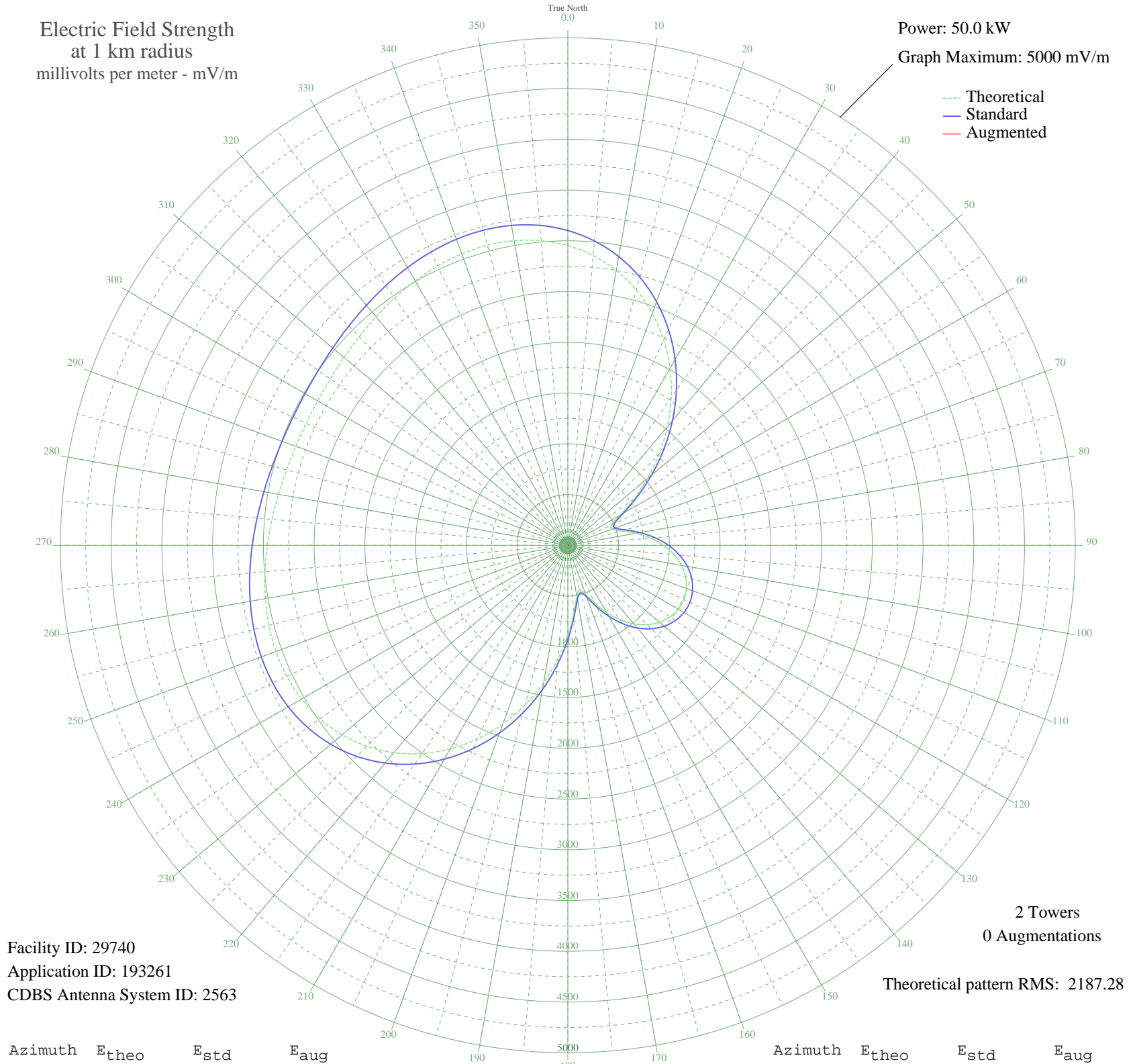


# KKZN THORNTON, CO BL-19931222AD 760 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 29740  
Application ID: 193261  
CDBS Antenna System ID: 2563

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 2187.28

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2952.50	3101.02	
5	2865.43	3009.62	
10	2749.58	2888.02	
15	2604.74	2735.98	
20	2431.93	2554.60	
25	2233.47	2346.32	
30	2012.95	2114.90	
35	1775.12	1865.35	
40	1525.86	1603.87	
45	1272.28	1337.95	
50	1023.24	1076.96	
55	791.06	833.93	
60	596.20	630.39	
65	475.09	504.34	
70	466.67	495.60	
75	554.29	586.72	
80	683.26	721.26	
85	818.03	862.14	
90	942.63	992.54	
95	1049.98	1104.98	
100	1136.77	1195.92	
105	1201.43	1263.68	
110	1243.22	1307.49	
115	1261.84	1327.01	
120	1257.18	1322.13	
125	1229.27	1292.87	
130	1178.28	1239.42	
135	1104.65	1162.25	
140	1009.38	1062.44	
145	894.58	942.24	
150	764.73	806.40	
155	629.57	665.21	
160	511.35	542.03	
165	455.86	484.38	
170	511.64	542.33	
175	667.77	705.08	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	880.87	927.89	
185	1121.63	1180.05	
190	1373.71	1444.31	
195	1626.51	1709.45	
200	1871.98	1966.98	
205	2103.53	2209.95	
210	2315.73	2432.65	
215	2504.29	2630.55	
220	2666.12	2800.41	
225	2799.42	2940.33	
230	2903.66	3049.75	
235	2979.55	3129.41	
240	3028.92	3181.23	
245	3054.52	3208.11	
250	3059.86	3213.71	
255	3048.92	3202.23	
260	3025.93	3178.09	
265	2995.16	3145.79	
270	2960.68	3109.60	
275	2926.25	3073.46	
280	2895.10	3040.77	
285	2869.93	3014.34	
290	2852.73	2996.28	
295	2844.83	2987.99	
300	2846.82	2990.08	
305	2858.55	3002.39	
310	2879.14	3024.01	
315	2906.98	3053.23	
320	2939.80	3087.68	
325	2974.67	3124.28	
330	3008.13	3159.41	
335	3036.30	3188.98	
340	3054.98	3208.59	
345	3059.91	3213.76	
350	3046.92	3200.13	
355	3012.19	3163.68	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission