

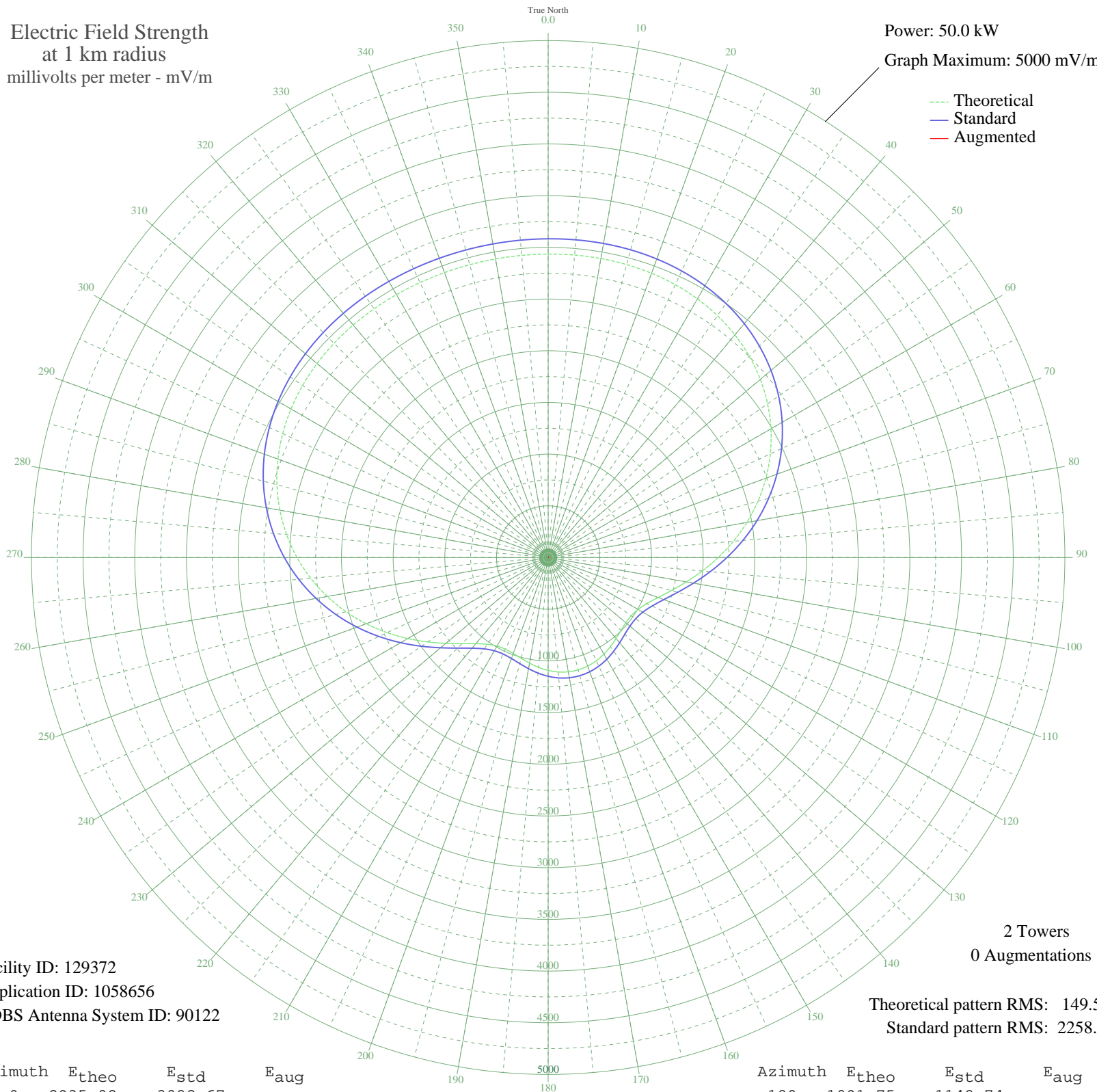
KUTR TAYLORSVILLE, UT BL-20050413ACR 820 kHz

Critical Hours

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 129372
Application ID: 1058656
CDBS Antenna System ID: 90122

2 Towers
0 Augmentations

Theoretical pattern RMS: 149.54
Standard pattern RMS: 2258.24

Azimuth	E _{theo}	E _{std}	E _{aug}
0	2935.02	3082.67	
5	2936.46	3084.18	
10	2936.39	3084.11	
15	2933.34	3080.91	
20	2925.62	3072.80	
25	2911.38	3057.86	
30	2888.72	3034.07	
35	2855.77	2999.48	
40	2810.84	2952.32	
45	2752.50	2891.08	
50	2679.70	2814.67	
55	2591.91	2722.52	
60	2489.16	2614.67	
65	2372.13	2491.84	
70	2242.20	2355.48	
75	2101.47	2207.79	
80	1952.76	2051.74	
85	1799.58	1891.02	
90	1646.12	1730.02	
95	1497.20	1573.81	
100	1358.12	1427.96	
105	1234.53	1298.38	
110	1131.87	1190.78	
115	1054.55	1109.76	
120	1004.78	1057.63	
125	981.66	1033.41	
130	981.08	1032.80	
135	996.87	1049.34	
140	1022.30	1075.98	
145	1051.32	1106.38	
150	1079.06	1135.44	
155	1101.97	1159.45	
160	1117.64	1175.87	
165	1124.66	1183.22	
170	1122.43	1180.89	
175	1111.13	1169.05	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1091.75	1148.74	
185	1066.16	1121.93	
190	1037.28	1091.67	
195	1009.30	1062.36	
200	987.67	1039.71	
205	978.90	1030.52	
210	989.62	1041.75	
215	1025.21	1079.03	
220	1088.29	1145.12	
225	1178.22	1239.36	
230	1291.57	1358.18	
235	1423.29	1496.30	
240	1567.79	1647.85	
245	1719.52	1807.03	
250	1873.41	1968.48	
255	2024.93	2127.47	
260	2170.20	2279.92	
265	2306.05	2422.49	
270	2430.01	2552.59	
275	2540.32	2668.37	
280	2635.94	2768.73	
285	2716.50	2853.29	
290	2782.25	2922.31	
295	2834.00	2976.63	
300	2872.98	3017.55	
305	2900.77	3046.71	
310	2919.15	3066.01	
315	2930.03	3077.42	
320	2935.28	3082.94	
325	2936.70	3084.43	
330	2935.88	3083.57	
335	2934.15	3081.76	
340	2932.55	3080.07	
345	2931.73	3079.21	
350	2932.00	3079.49	
355	2933.25	3080.81	

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