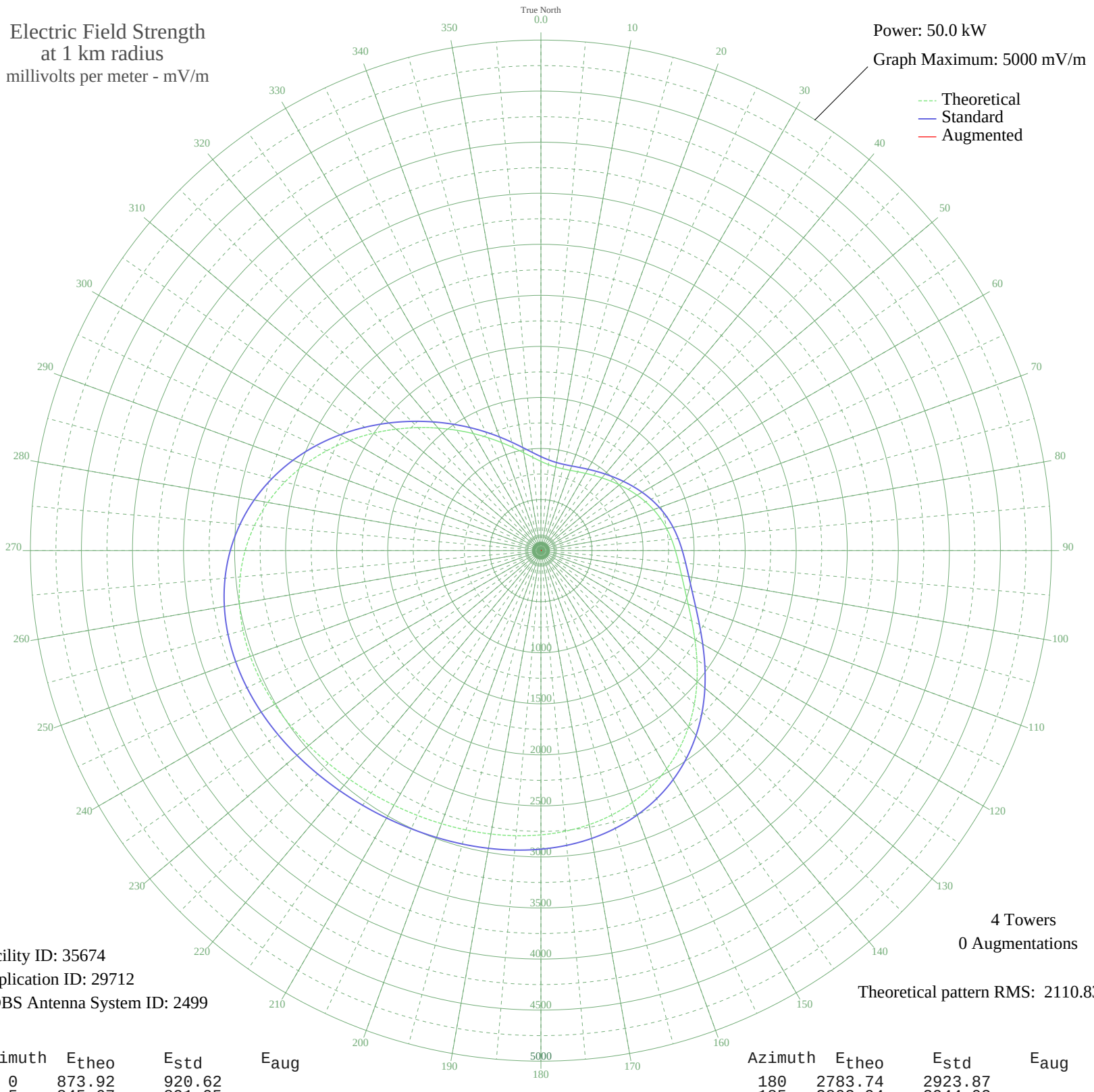
KTRH HOUSTON, TX BL-19810408AG 740 kHz

Daytime

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 35674
Application ID: 29712
CDBS Antenna System ID: 2499

Theoretical pattern RMS: 2110.83

Azimuth	E_{theo}	E_{std}	E_{aug}
0	873.92	920.62	
5	845.67	891.05	
10	831.28	876.00	
15	829.09	873.70	
20	836.83	881.80	
25	852.23	897.91	
30	873.49	920.17	
35	899.50	947.39	
40	929.75	979.05	
45	964.04	1014.96	
50	1002.14	1054.86	
55	1043.45	1098.13	
60	1086.85	1143.61	
65	1130.77	1189.62	
70	1173.42	1234.33	
75	1213.33	1276.16	
80	1249.82	1314.40	
85	1283.53	1349.75	
90	1316.80	1384.63	
95	1353.58	1423.20	
100	1398.96	1470.78	
105	1458.03	1532.73	
110	1534.49	1612.92	
115	1629.44	1712.53	
120	1741.03	1829.59	
125	1864.84	1959.49	
130	1995.00	2096.06	
135	2125.25	2232.74	
140	2249.91	2363.57	
145	2364.45	2483.79	
150	2465.80	2590.16	
155	2552.32	2680.97	
160	2623.72	2755.91	
165	2680.76	2815.78	
170	2725.01	2862.23	
175	2758.56	2897.44	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	2783.74	2923.87	
185	2802.94	2944.02	
190	2818.43	2960.29	
195	2832.26	2974.80	
200	2846.13	2989.36	
205	2861.33	3005.31	
210	2878.71	3023.56	
215	2898.62	3044.45	
220	2920.89	3067.83	
225	2944.80	3092.94	
230	2969.13	3118.47	
235	2992.11	3142.59	
240	3011.50	3162.95	
245	3024.68	3176.78	
250	3028.73	3181.04	
255	3020.65	3172.55	
260	2997.52	3148.27	
265	2956.82	3105.55	
270	2896.68	3042.42	
275	2816.17	2957.91	
280	2715.51	2852.26	
285	2596.25	2727.08	
290	2461.20	2585.33	
295	2314.31	2431.16	
300	2160.28	2269.51	
305	2004.11	2105.62	
310	1850.53	1944.48	
315	1703.48	1790.19	
320	1565.74	1645.70	
325	1438.84	1512.60	
330	1323.26	1391.41	
335	1218.91	1282.01	
340	1125.62	1184.23	
345	1043.59	1098.28	
350	973.58	1024.95	
355	916.68	965.37	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission