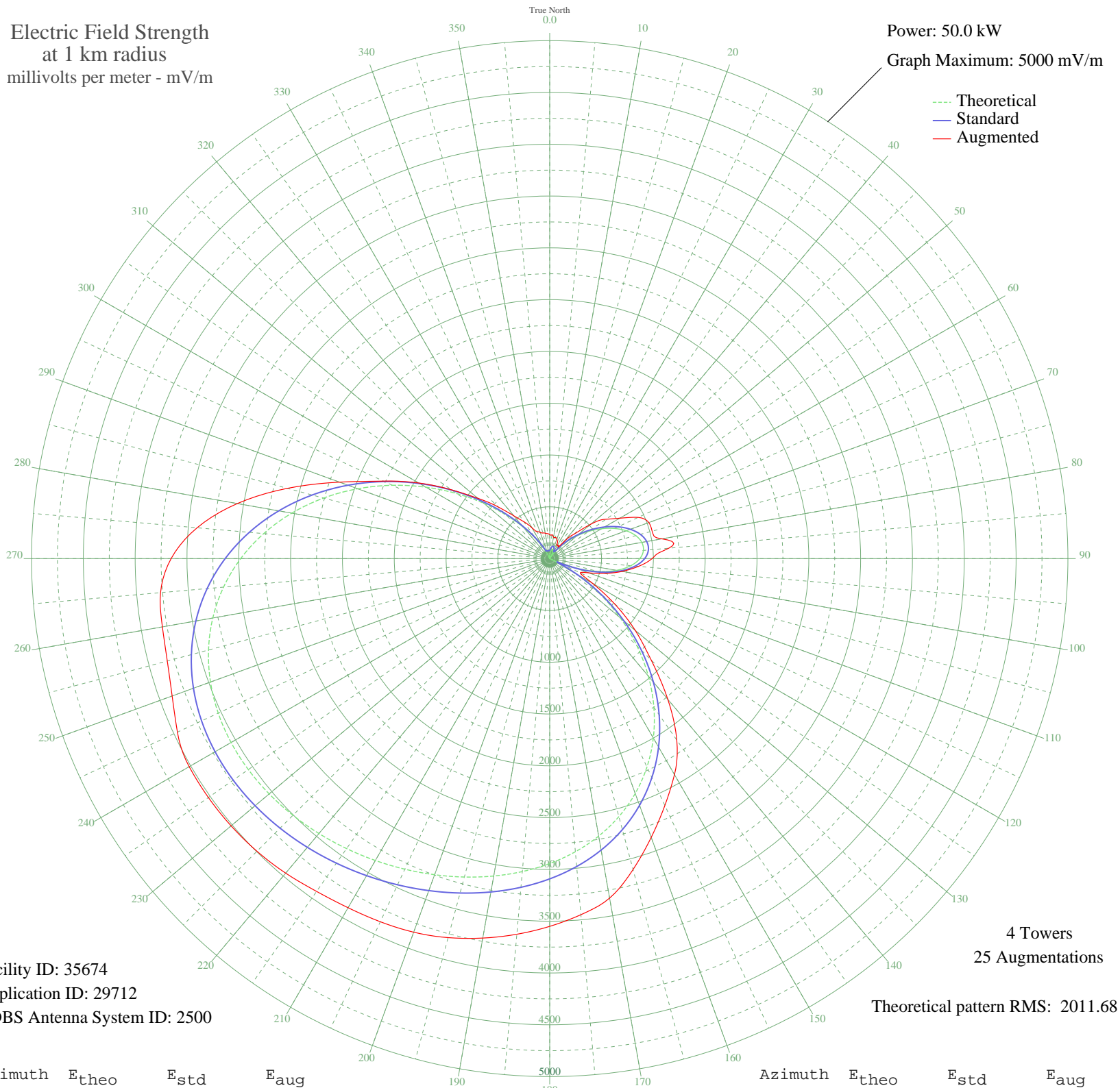


# KTRH HOUSTON, TX BL-19810408AG 740 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 35674  
Application ID: 29712  
CDBS Antenna System ID: 2500

4 Towers  
25 Augmentations  
Theoretical pattern RMS: 2011.68

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	29.84	80.59	231.02
5	59.86	97.28	230.42
10	83.45	114.85	210.44
15	95.06	124.40	211.06
20	90.44	120.55	201.40
25	66.70	102.07	180.00
30	22.39	77.88	146.38
35	42.47	86.61	139.36
40	126.43	152.10	211.94
45	226.62	249.27	336.35
50	338.87	363.48	516.12
55	457.76	486.35	662.26
60	576.81	610.19	780.26
65	688.69	726.93	941.37
70	785.51	828.12	1017.44
75	859.23	905.24	1023.02
80	902.15	950.16	1099.07
85	907.42	955.68	1153.56
90	869.62	916.12	987.61
95	785.29	827.89	859.94
100	653.34	690.01	710.12
105	475.28	504.54	551.64
110	255.30	278.16	401.22
115	0.02	74.25	324.28
120	282.14	305.41	476.58
125	581.25	614.82	769.24
130	887.10	934.41	1076.38
135	1189.76	1251.45	1385.34
140	1480.43	1556.23	1772.73
145	1752.01	1841.11	2137.51
150	1999.45	2100.74	2407.58
155	2219.91	2332.09	2629.17
160	2412.61	2534.32	2863.60
165	2578.55	2708.49	3107.20
170	2720.10	2857.07	3327.57
175	2840.52	2983.47	3450.62

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.

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	2943.46	3091.52	3549.95
185	3032.57	3185.07	3639.93
190	3111.19	3267.59	3719.42
195	3182.06	3341.99	3787.69
200	3247.24	3410.41	3837.59
205	3307.98	3474.17	3867.77
210	3364.73	3533.75	3891.33
215	3417.15	3588.78	3921.88
220	3464.11	3638.07	3963.46
225	3503.75	3679.68	3994.93
230	3533.50	3710.92	4013.42
235	3550.19	3728.44	4020.58
240	3550.11	3728.35	4016.92
245	3529.19	3706.40	3963.70
250	3483.27	3658.19	3877.06
255	3408.38	3579.57	3820.19
260	3301.17	3467.03	3795.03
265	3159.33	3318.13	3769.44
270	2982.04	3132.03	3653.21
275	2770.35	2909.82	3415.51
280	2527.42	2654.83	3060.73
285	2258.62	2372.71	2621.03
290	1971.35	2071.25	2158.46
295	1674.63	1759.93	1770.28
300	1378.54	1449.37	1460.09
305	1093.40	1150.47	1158.38
310	828.95	873.56	906.74
315	593.58	627.66	708.11
320	393.65	419.95	540.18
325	233.05	255.72	434.52
330	112.97	139.94	345.01
335	32.01	81.50	286.56
340	13.58	75.60	270.11
345	29.39	80.41	255.89
350	22.34	77.86	249.29
355	0.18	74.25	242.21

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission