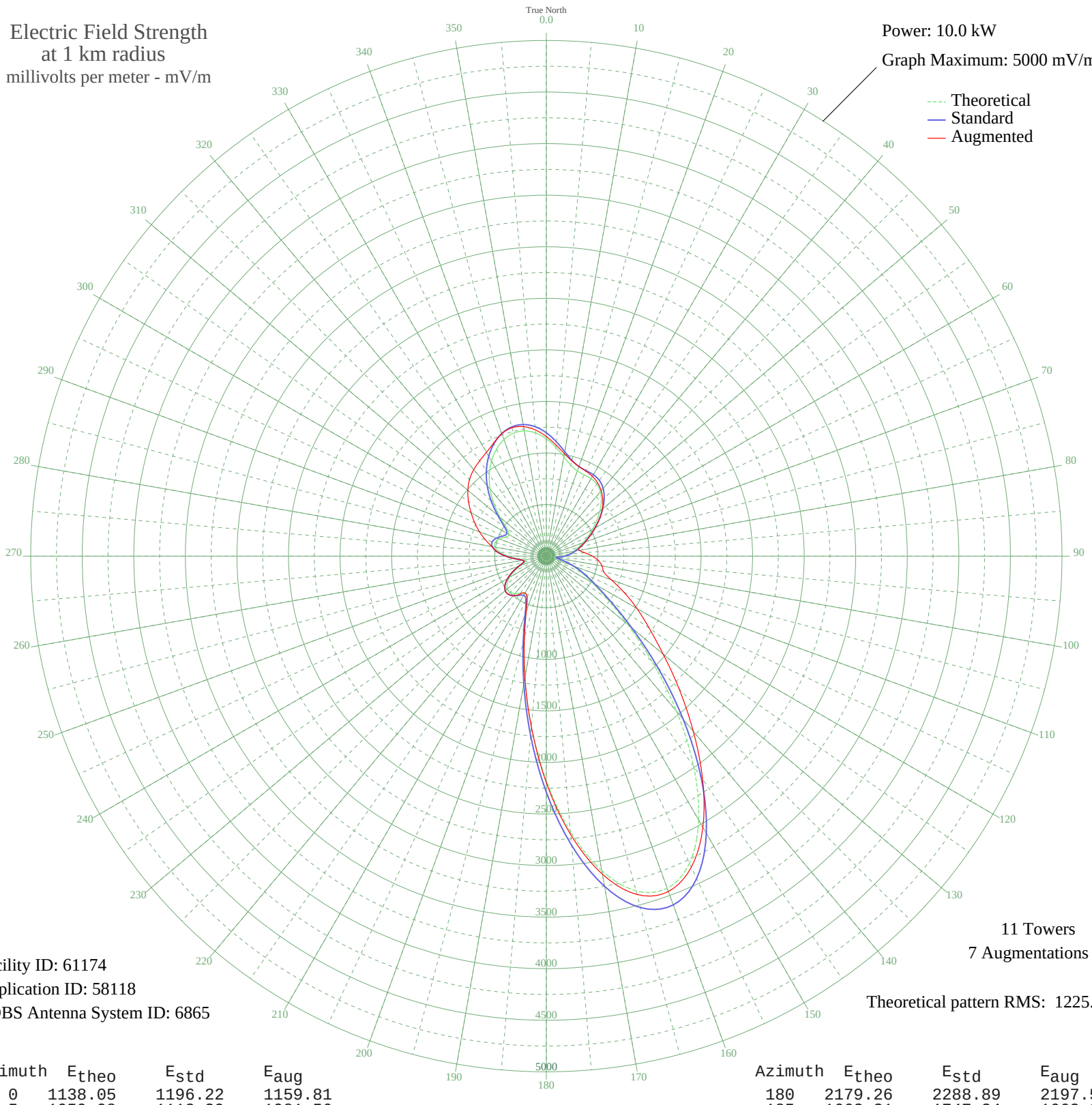
KNTH HOUSTON, TX BL-19830610AA 1070 kHz

Daytime

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



Power: 10.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

11 Towers
7 Augmentations

Facility ID: 61174
Application ID: 58118
CDBS Antenna System ID: 6865

Theoretical pattern RMS: 1225.97

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1138.05	1196.22	1159.81
5	1059.08	1113.39	1081.56
10	978.29	1028.68	1009.26
15	914.28	961.57	955.74
20	879.18	924.78	924.78
25	869.25	914.37	908.37
30	866.72	911.72	892.69
35	852.14	896.44	867.05
40	814.53	857.02	827.55
45	753.67	793.26	774.44
50	677.08	713.06	707.95
55	594.93	627.10	627.10
60	515.46	544.02	544.02
65	442.72	468.10	468.10
70	377.53	400.20	400.20
75	319.54	339.99	339.99
80	267.65	286.37	324.00
85	217.96	235.38	374.47
90	163.31	180.09	446.15
95	101.03	119.49	507.49
100	75.36	96.37	548.24
105	153.80	170.60	572.95
110	264.33	282.94	669.62
115	380.80	403.60	831.59
120	516.76	545.38	1014.11
125	717.31	755.18	1218.03
130	1028.19	1081.00	1479.28
135	1456.37	1530.18	1821.19
140	1965.38	2064.38	2216.97
145	2490.35	2615.44	2641.92
150	2954.24	3102.44	3035.75
155	3284.15	3448.79	3327.14
160	3426.73	3598.49	3459.88
165	3359.66	3528.07	3396.03
170	3096.07	3251.34	3131.64
175	2680.74	2815.31	2710.99

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

Azimuth	E_{theo}	E_{std}	E_{aug}
180	2179.26	2288.89	2197.53
185	1663.31	1747.34	1663.31
190	1196.29	1257.31	1196.29
195	823.72	866.66	823.72
200	570.68	601.74	570.68
205	442.09	467.45	442.09
210	414.01	438.18	414.01
215	438.11	463.29	451.38
220	473.10	499.80	499.80
225	495.17	522.83	522.83
230	492.74	520.30	520.30
235	463.00	489.25	489.25
240	409.33	433.30	433.30
245	339.31	360.50	360.50
250	265.09	283.72	283.72
255	210.53	227.79	227.79
260	214.46	231.80	231.80
265	281.13	300.27	300.27
270	371.34	393.77	393.77
275	452.64	478.44	478.44
280	504.22	532.28	538.57
285	514.59	543.11	611.69
290	485.18	512.40	689.63
295	437.51	462.67	765.81
300	417.87	442.19	842.69
305	469.61	496.15	920.69
310	582.61	614.21	993.54
315	717.54	755.43	1052.65
320	847.88	891.98	1095.07
325	963.65	1013.33	1127.40
330	1062.94	1117.44	1162.18
335	1144.19	1202.65	1208.91
340	1203.08	1264.43	1263.74
345	1233.92	1296.78	1288.59
350	1232.73	1295.53	1275.13
355	1199.28	1260.44	1228.83