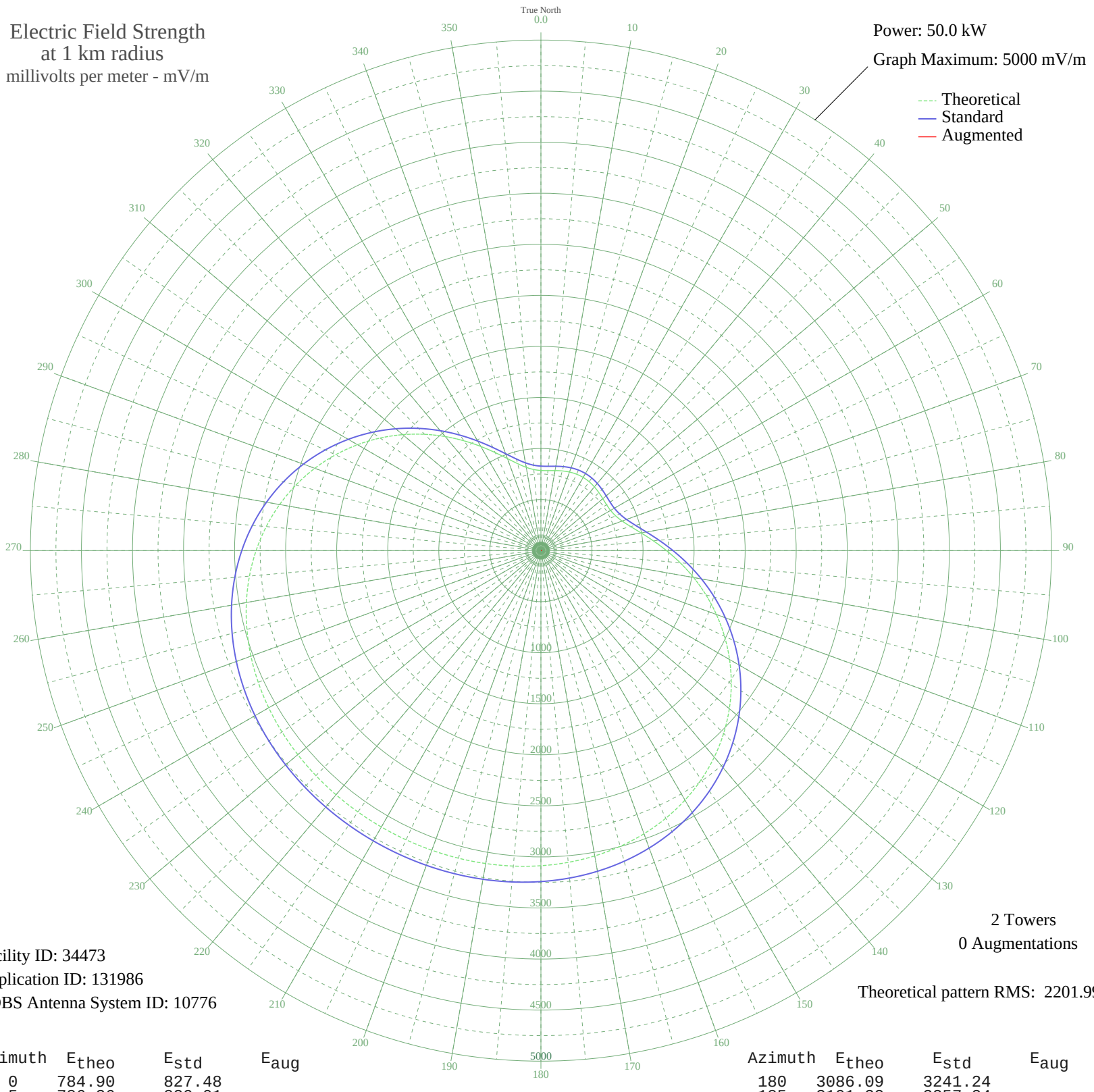
KGOL HUMBLE, TX BL-19890803AD 1180 kHz

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

2 Towers
0 Augmentations

Facility ID: 34473
Application ID: 131986
CDBS Antenna System ID: 10776

Theoretical pattern RMS: 2201.99

Azimuth	E_{theo}	E_{std}	E_{aug}
0	784.90	827.48	
5	786.36	829.01	
10	795.70	838.78	
15	807.81	851.45	
20	818.74	862.88	
25	825.80	870.26	
30	827.51	872.06	
35	823.56	867.92	
40	814.71	858.66	
45	802.92	846.33	
50	791.37	834.25	
55	784.52	827.08	
60	787.80	830.52	
65	806.94	850.54	
70	846.74	892.17	
75	909.88	958.26	
80	996.48	1048.93	
85	1104.38	1161.98	
90	1230.09	1293.73	
95	1369.50	1439.89	
100	1518.42	1596.07	
105	1672.82	1758.03	
110	1828.96	1921.85	
115	1983.44	2083.93	
120	2133.23	2241.12	
125	2275.75	2390.69	
130	2408.85	2530.38	
135	2530.88	2658.46	
140	2640.68	2773.71	
145	2737.59	2875.43	
150	2821.42	2963.42	
155	2892.42	3037.95	
160	2951.22	3099.67	
165	2998.74	3149.56	
170	3036.17	3188.85	
175	3064.83	3218.93	
180	3086.09	3241.24	
185	3101.32	3257.24	
190	3111.81	3268.25	
195	3118.68	3275.45	
200	3122.84	3279.82	
205	3124.96	3282.04	
210	3125.42	3282.53	
215	3124.32	3281.38	
220	3121.45	3278.36	
225	3116.30	3272.96	
230	3108.11	3264.36	
235	3095.87	3251.51	
240	3078.38	3233.16	
245	3054.33	3207.91	
250	3022.33	3174.32	
255	2981.01	3130.94	
260	2929.11	3076.46	
265	2865.53	3009.72	
270	2789.45	2929.87	
275	2700.40	2836.39	
280	2598.28	2729.20	
285	2483.48	2608.71	
290	2356.85	2475.81	
295	2219.76	2331.93	
300	2074.05	2179.02	
305	1922.05	2019.52	
310	1766.52	1856.34	
315	1610.65	1692.81	
320	1457.98	1532.68	
325	1312.37	1379.98	
330	1177.93	1239.05	
335	1058.87	1114.29	
340	959.12	1009.81	
345	881.76	928.82	
350	828.11	872.68	
355	797.04	840.18	

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.

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Prepared by Audio Division, Media Bureau
Federal Communications Commission