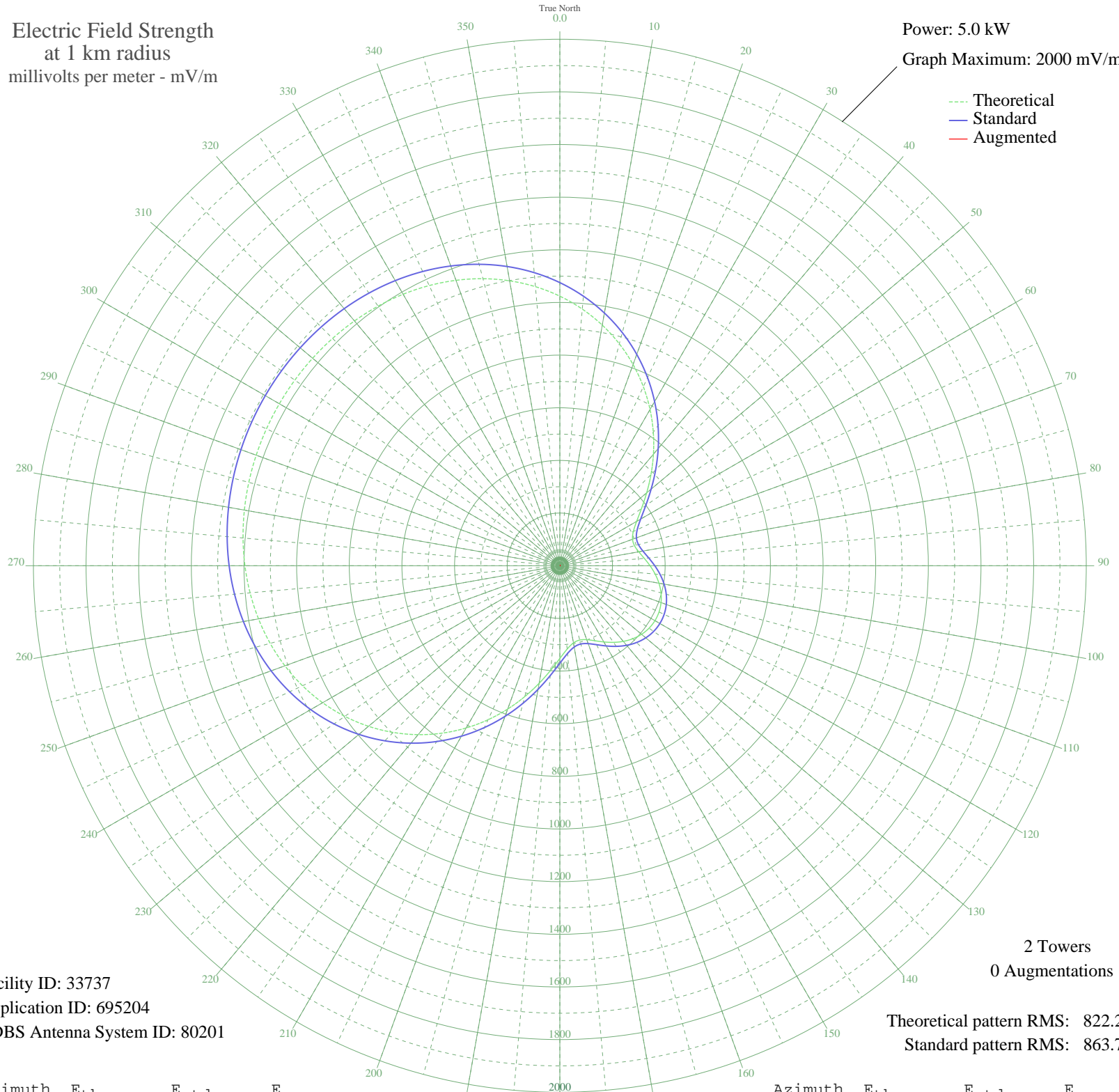


# KCOH HOUSTON, TX BL-20031001CGG 1430 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 33737  
Application ID: 695204  
CDBS Antenna System ID: 80201

Theoretical pattern RMS: 822.20  
Standard pattern RMS: 863.70

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1024.02	1075.50	
5	978.62	1027.84	
10	928.11	974.81	
15	872.84	916.80	
20	813.39	854.40	
25	750.55	788.45	
30	685.34	720.01	
35	619.03	650.43	
40	553.17	581.32	
45	489.59	514.63	
50	430.53	452.70	
55	378.63	398.29	
60	336.87	354.54	
65	308.08	324.38	
70	293.89	309.53	
75	293.65	309.28	
80	304.37	320.50	
85	321.99	338.95	
90	342.68	360.62	
95	363.49	382.42	
100	382.34	402.18	
105	397.86	418.45	
110	409.17	430.30	
115	415.72	437.17	
120	417.25	438.78	
125	413.69	435.05	
130	405.19	426.14	
135	392.12	412.43	
140	375.14	394.63	
145	355.30	373.84	
150	334.24	351.78	
155	314.38	330.98	
160	299.02	314.90	
165	292.22	307.78	
170	297.80	313.62	
175	317.89	334.66	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	352.16	370.56	
185	398.34	418.95	
190	453.45	476.73	
195	514.61	540.88	
200	579.35	608.80	
205	645.60	678.31	
210	711.63	747.60	
215	776.03	815.19	
220	837.63	879.84	
225	895.49	940.57	
230	948.91	996.65	
235	997.41	1047.56	
240	1040.71	1093.01	
245	1078.72	1132.91	
250	1111.52	1167.34	
255	1139.32	1196.53	
260	1162.46	1220.83	
265	1181.35	1240.65	
270	1196.44	1256.49	
275	1208.19	1268.83	
280	1217.06	1278.14	
285	1223.43	1284.83	
290	1227.64	1289.25	
295	1229.94	1291.66	
300	1230.46	1292.21	
305	1229.24	1290.93	
310	1226.20	1287.74	
315	1221.16	1282.44	
320	1213.83	1274.75	
325	1203.86	1264.29	
330	1190.83	1250.61	
335	1174.28	1233.23	
340	1153.74	1211.67	
345	1128.78	1185.47	
350	1099.01	1154.22	
355	1064.15	1117.62	

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.

17 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission