

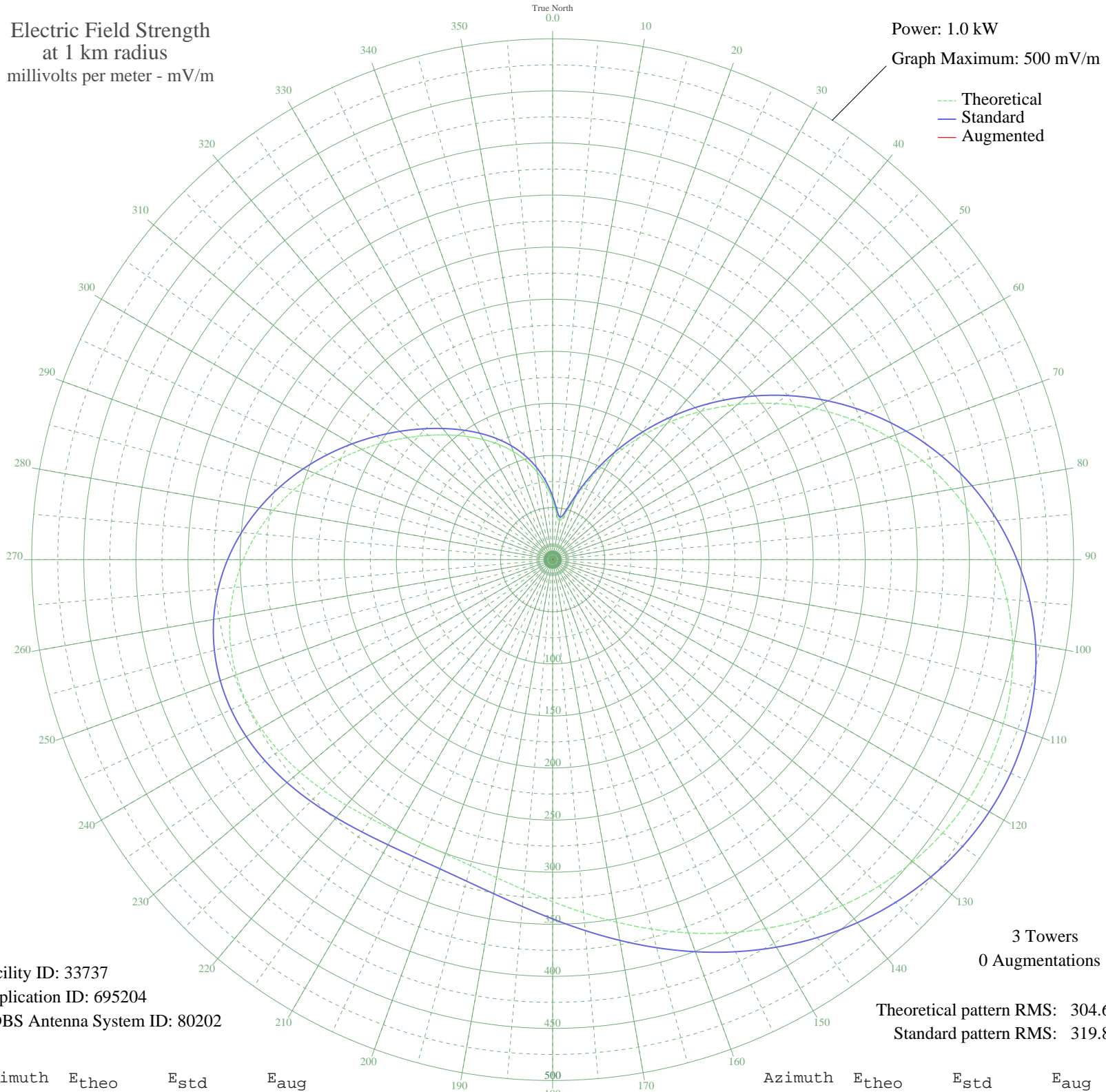
KCOH HOUSTON, TX BL-20031001CGG 1430 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 33737
Application ID: 695204
CDBS Antenna System ID: 80202

3 Towers
0 Augmentations

Theoretical pattern RMS: 304.60
Standard pattern RMS: 319.80

Azimuth	E _{theo}	E _{std}	E _{aug}
0	56.94	60.70	
5	44.17	47.55	
10	38.13	41.39	
15	44.99	48.40	
20	62.77	66.74	
25	86.35	91.27	
30	113.06	119.18	
35	141.64	149.09	
40	171.31	180.18	
45	201.50	211.83	
50	231.69	243.50	
55	261.41	274.68	
60	290.24	304.94	
65	317.77	333.82	
70	343.63	360.96	
75	367.48	385.99	
80	389.03	408.62	
85	408.05	428.58	
90	424.33	445.67	
95	437.74	459.75	
100	448.20	470.73	
105	455.68	478.58	
110	460.22	483.34	
115	461.88	485.09	
120	460.81	483.96	
125	457.17	480.15	
130	451.18	473.86	
135	443.08	465.35	
140	433.14	454.92	
145	421.66	442.86	
150	408.96	429.54	
155	395.39	415.29	
160	381.32	400.52	
165	367.14	385.64	
170	353.29	371.10	
175	340.20	357.37	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	328.33	344.91	
185	318.12	334.19	
190	309.95	325.62	
195	304.10	319.47	
200	300.70	315.91	
205	299.69	314.85	
210	300.84	316.06	
215	303.71	319.07	
220	307.76	323.32	
225	312.35	328.14	
230	316.86	332.87	
235	320.67	336.87	
240	323.27	339.59	
245	324.21	340.58	
250	323.17	339.49	
255	319.96	336.12	
260	314.48	330.37	
265	306.77	322.28	
270	296.96	311.99	
275	285.29	299.74	
280	272.07	285.86	
285	257.66	270.75	
290	242.49	254.83	
295	226.97	238.55	
300	211.52	222.34	
305	196.50	206.60	
310	182.20	191.60	
315	168.77	177.52	
320	156.22	164.37	
325	144.44	152.02	
330	133.13	140.18	
335	121.94	128.47	
340	110.46	116.46	
345	98.32	103.77	
350	85.26	90.14	
355	71.28	75.58	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission