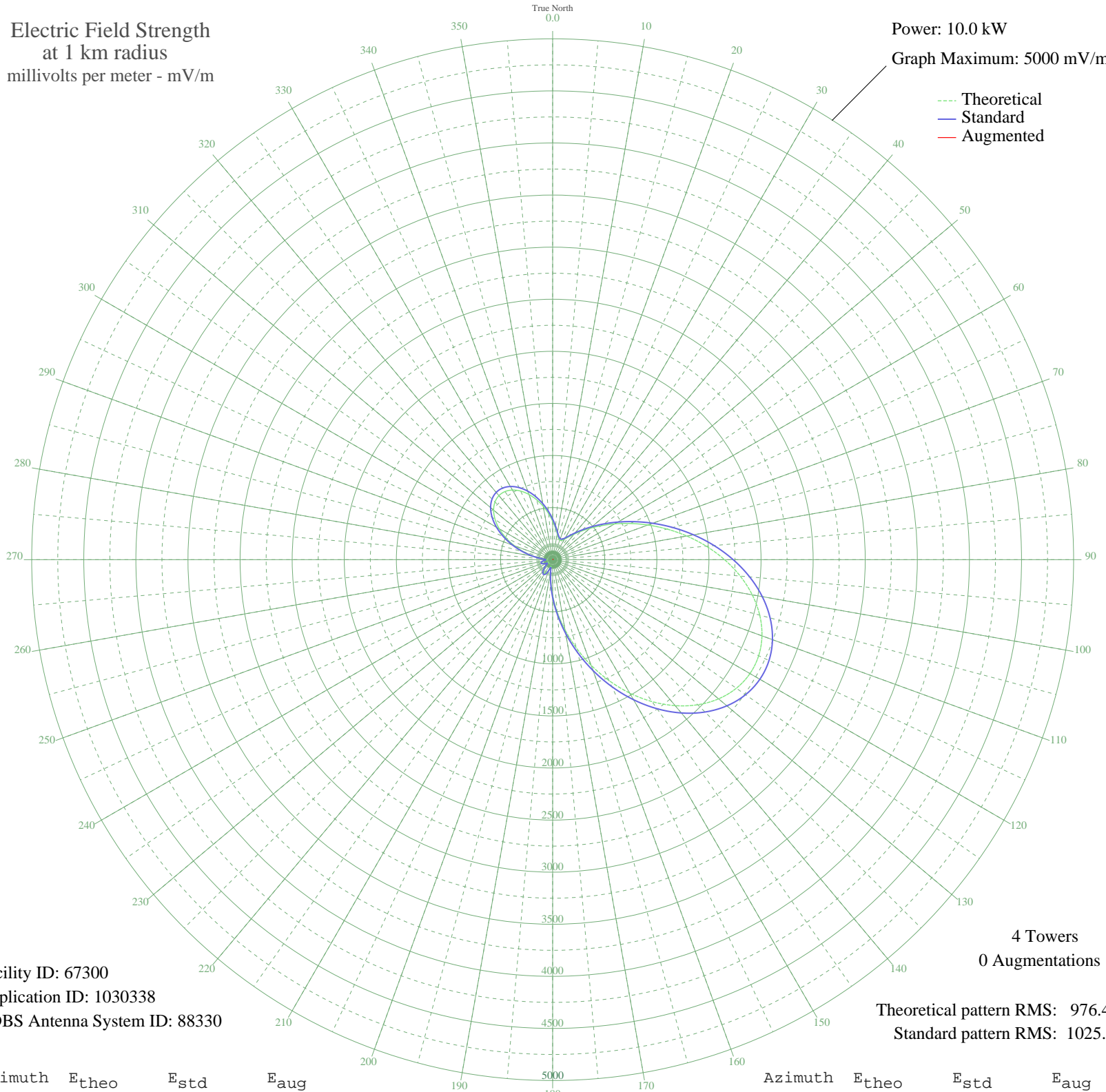


# KWHI BRENHAM, TX BP-20031024AAG 1280 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 67300  
Application ID: 1030338  
CDBS Antenna System ID: 88330

4 Towers  
0 Augmentations

Theoretical pattern RMS: 976.47  
Standard pattern RMS: 1025.83

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	369.62	389.52	
5	304.92	321.88	
10	252.54	267.24	
15	216.58	229.83	
20	200.37	212.99	
25	204.66	217.45	
30	227.28	240.94	
35	265.44	280.68	
40	317.93	335.48	
45	385.15	405.77	
50	468.27	492.81	
55	568.50	597.85	
60	686.42	721.51	
65	821.64	863.36	
70	972.47	1021.63	
75	1135.82	1193.08	
80	1307.19	1372.95	
85	1480.80	1555.19	
90	1649.90	1732.71	
95	1807.20	1897.85	
100	1945.36	2042.90	
105	2057.52	2160.65	
110	2137.82	2244.96	
115	2181.83	2291.16	
120	2186.86	2296.45	
125	2152.14	2259.99	
130	2078.78	2182.97	
135	1969.70	2068.46	
140	1829.36	1921.11	
145	1663.38	1746.87	
150	1478.26	1552.53	
155	1280.90	1345.36	
160	1078.33	1132.74	
165	877.33	921.79	
170	684.18	719.15	
175	504.54	530.80	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	343.41	362.10	
185	205.68	218.50	
190	99.90	110.02	
195	63.89	74.85	
200	102.51	112.64	
205	138.21	148.87	
210	154.92	166.02	
215	152.54	163.57	
220	133.99	144.55	
225	103.84	113.98	
230	69.19	79.87	
235	45.67	58.32	
240	56.13	67.65	
245	81.82	92.11	
250	101.34	111.46	
255	106.85	117.00	
260	95.21	105.34	
265	68.40	79.13	
270	51.79	63.72	
275	99.27	109.40	
280	183.55	195.57	
285	283.05	299.06	
290	388.90	409.69	
295	493.83	519.58	
300	591.10	621.54	
305	674.69	709.20	
310	739.72	777.42	
315	782.80	822.61	
320	802.21	842.98	
325	797.97	838.53	
330	771.71	810.97	
335	726.42	763.46	
340	666.12	700.21	
345	595.45	626.10	
350	519.30	546.28	
355	442.51	465.82	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission