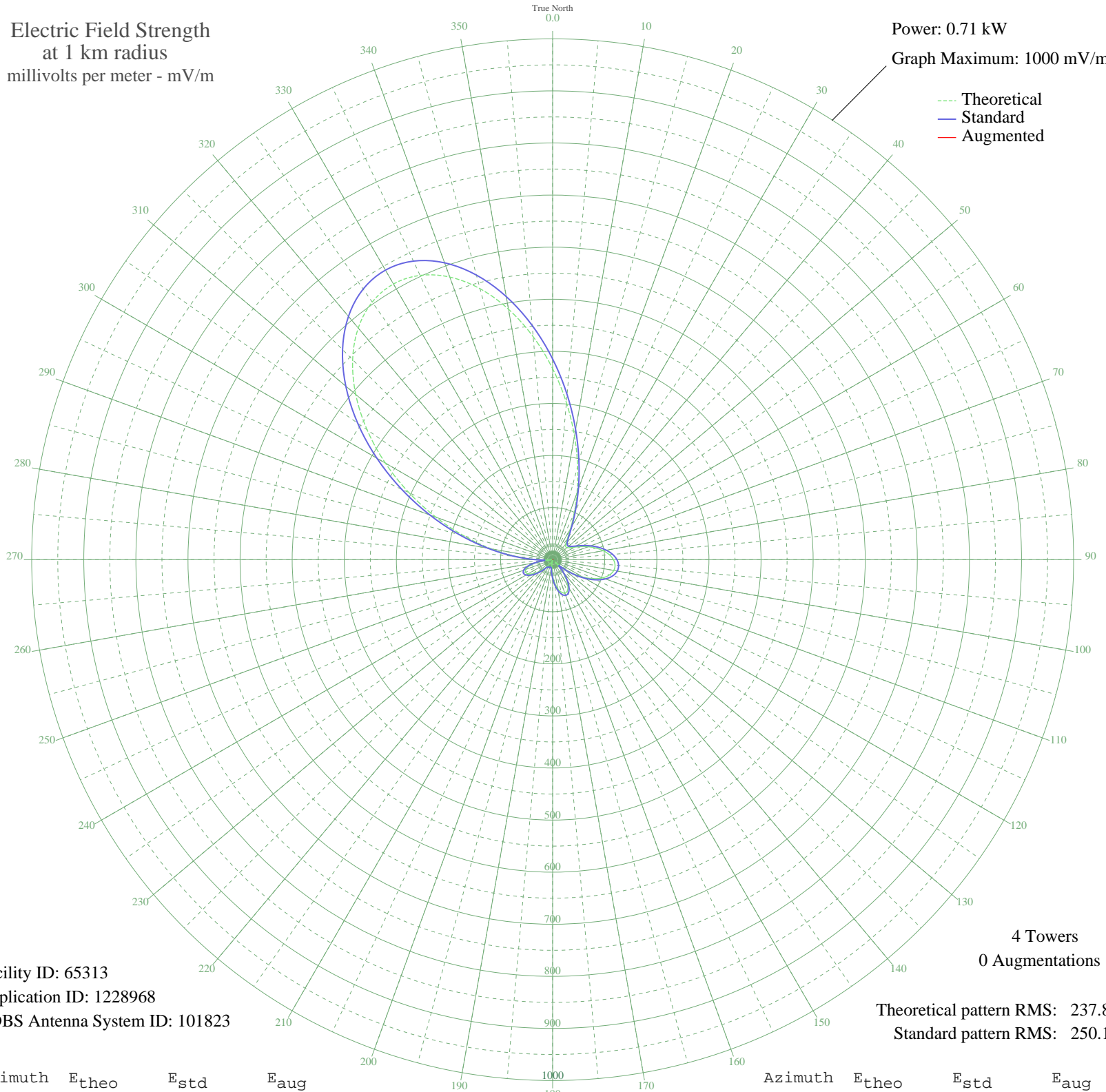


# KHFX CLEBURNE, TX BL-20080102ACU 1140 kHz

Nighttime

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

Power: 0.71 kW  
Graph Maximum: 1000 mV/m



Facility ID: 65313  
Application ID: 1228968  
CDBS Antenna System ID: 101823

4 Towers  
0 Augmentations

Theoretical pattern RMS: 237.82  
Standard pattern RMS: 250.12

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	366.70	385.30	
5	302.72	318.18	
10	241.25	253.71	
15	185.17	194.95	
20	136.73	144.27	
25	97.48	103.35	
30	68.31	73.13	
35	49.27	53.66	
40	39.15	43.51	
45	35.38	39.78	
50	35.82	40.22	
55	40.05	44.40	
60	48.14	52.52	
65	59.39	63.97	
70	72.49	77.43	
75	86.02	91.44	
80	98.66	104.57	
85	109.23	115.58	
90	116.71	123.37	
95	120.22	127.03	
100	119.13	125.89	
105	113.06	119.56	
110	101.96	108.00	
115	86.17	91.60	
120	66.44	71.20	
125	43.93	48.27	
130	20.40	25.72	
135	7.83	16.45	
140	27.15	31.87	
145	45.18	49.53	
150	58.55	63.11	
155	66.31	71.07	
160	68.17	72.98	
165	64.48	69.19	
170	56.17	60.67	
175	44.60	48.95	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	31.42	35.93	
185	18.34	23.95	
190	6.96	16.01	
195	2.30	14.45	
200	6.92	15.99	
205	8.17	16.63	
210	7.17	16.11	
215	9.09	17.15	
220	16.75	22.63	
225	27.07	31.79	
230	37.85	42.22	
235	47.47	51.84	
240	54.42	58.89	
245	57.33	61.86	
250	54.90	59.37	
255	45.99	50.34	
260	29.66	34.25	
265	5.43	15.34	
270	27.98	32.65	
275	69.54	74.39	
280	119.24	126.01	
285	176.07	185.42	
290	238.46	250.79	
295	304.26	319.79	
300	370.79	389.59	
305	434.96	456.93	
310	493.45	518.31	
315	542.97	570.30	
320	580.55	609.74	
325	603.79	634.14	
330	611.17	641.89	
335	602.18	632.45	
340	577.42	606.46	
345	538.59	565.70	
350	488.28	512.89	
355	429.77	451.48	

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission