

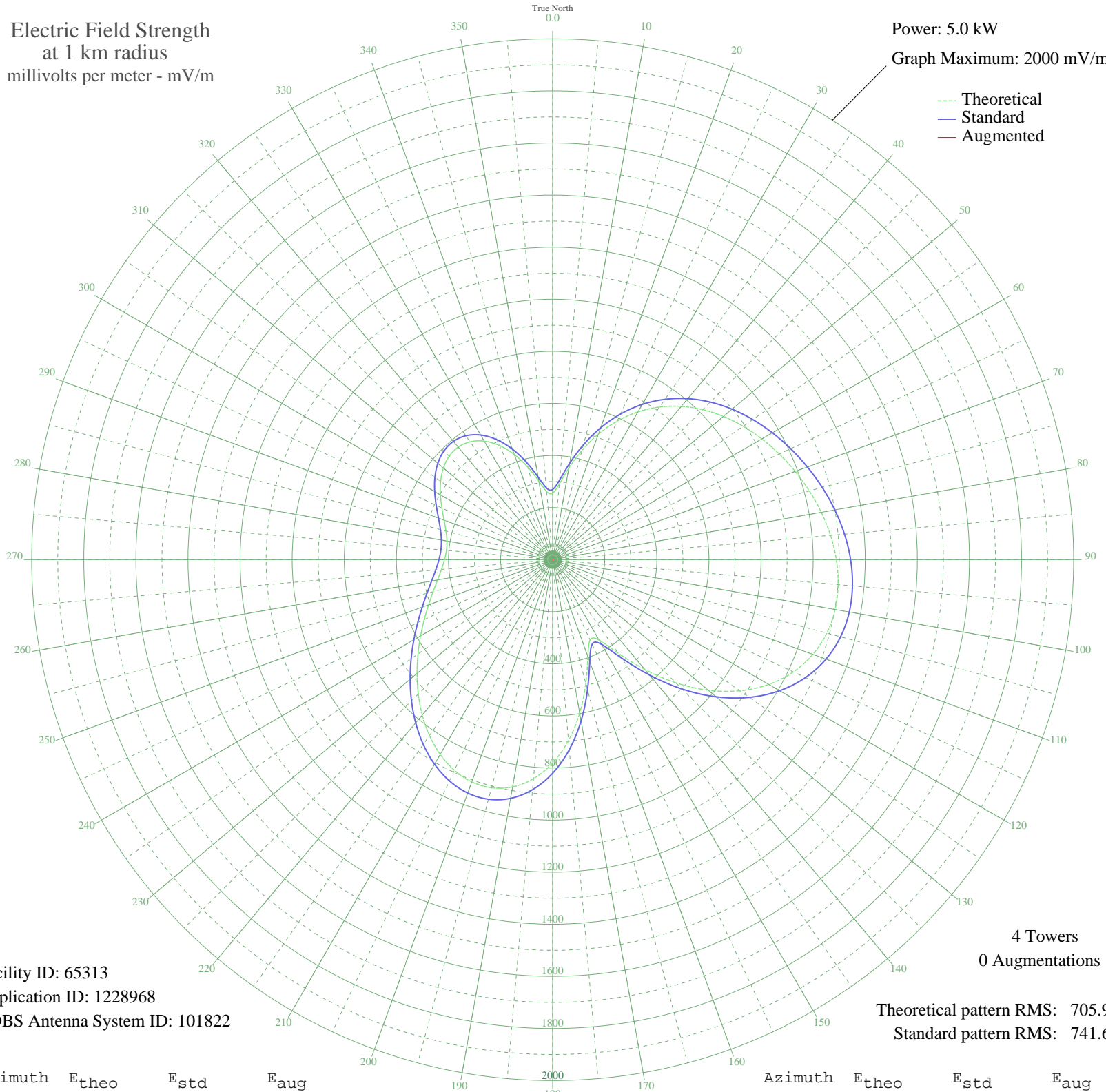
KHFX CLEBURNE, TX BL-20080102ACU 1140 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 65313
Application ID: 1228968
CDBS Antenna System ID: 101822

4 Towers
0 Augmentations

Theoretical pattern RMS: 705.90
Standard pattern RMS: 741.60

Azimuth	E _{theo}	E _{std}	E _{aug}
0	255.35	269.26	
5	291.64	307.23	
10	356.87	375.53	
15	434.05	456.43	
20	512.69	538.89	
25	587.25	617.11	
30	655.11	688.31	
35	715.38	751.55	
40	768.26	807.05	
45	814.64	855.73	
50	855.76	898.89	
55	892.94	937.92	
60	927.35	974.03	
65	959.83	1008.13	
70	990.82	1040.65	
75	1020.18	1071.48	
80	1047.27	1099.91	
85	1070.84	1124.66	
90	1089.17	1143.89	
95	1100.07	1155.34	
100	1101.09	1156.41	
105	1089.63	1144.38	
110	1063.24	1116.67	
115	1019.83	1071.11	
120	958.06	1006.27	
125	877.69	921.90	
130	780.00	819.37	
135	668.49	702.36	
140	550.10	578.13	
145	437.94	460.50	
150	356.68	375.33	
155	340.20	358.07	
160	395.89	416.42	
165	492.04	517.23	
170	598.10	628.49	
175	697.19	732.47	

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	780.62	820.02	
185	844.08	886.63	
190	885.99	930.62	
195	906.69	952.35	
200	907.93	953.65	
205	892.41	937.36	
210	863.39	906.90	
215	824.36	865.94	
220	778.74	818.06	
225	729.65	766.53	
230	679.75	714.17	
235	631.18	663.20	
240	585.54	615.31	
245	543.89	571.63	
250	506.94	532.86	
255	475.11	499.48	
260	448.81	471.90	
265	428.55	450.66	
270	415.13	436.58	
275	409.47	430.66	
280	412.39	433.72	
285	424.08	445.98	
290	443.69	466.53	
295	469.18	493.26	
300	497.49	522.95	
305	524.93	551.73	
310	547.60	575.51	
315	561.75	590.36	
320	564.18	592.91	
325	552.54	580.70	
330	525.66	552.50	
335	483.87	508.66	
340	429.40	451.55	
345	367.17	386.32	
350	306.26	322.52	
355	262.37	276.60	