

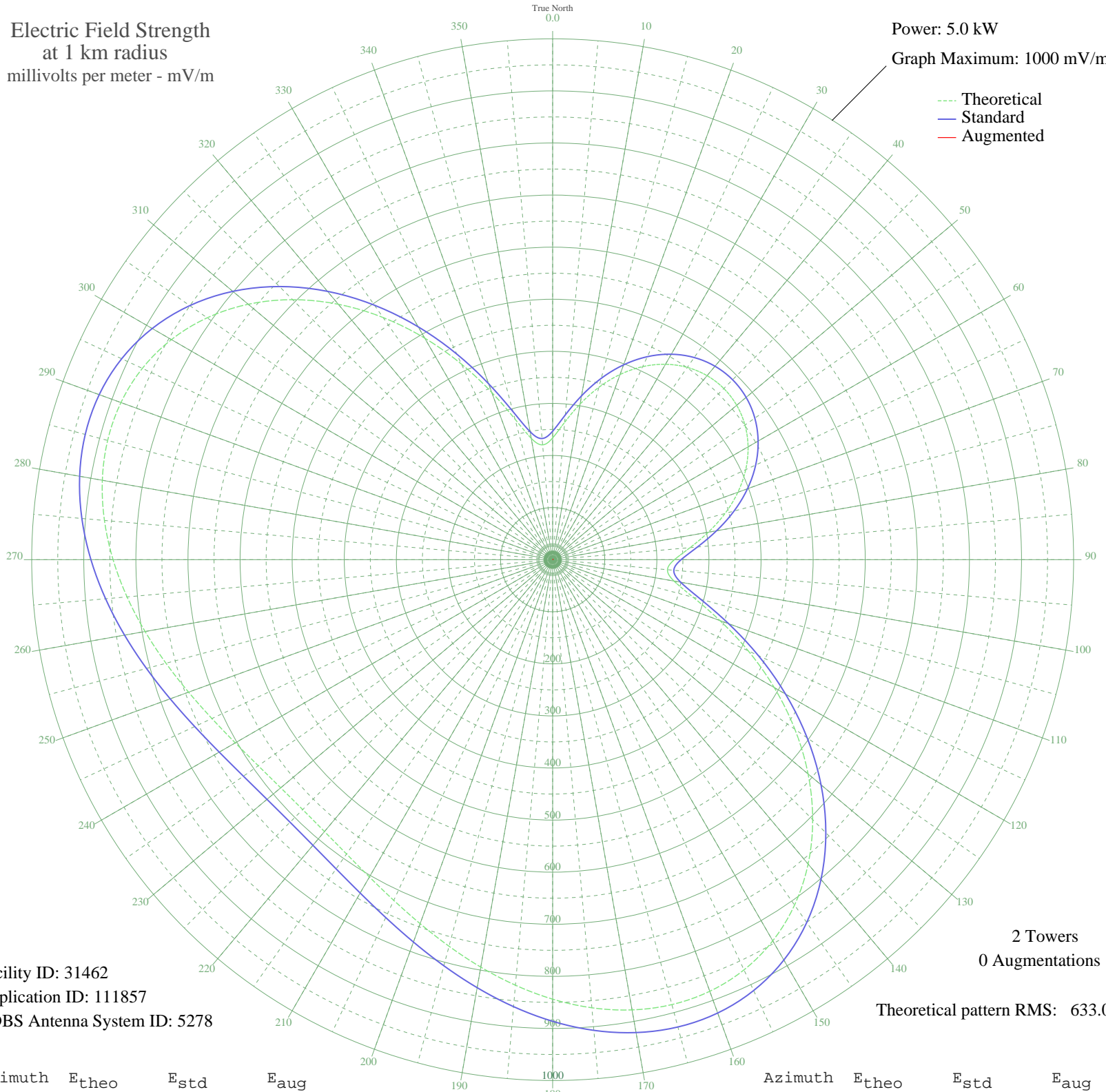
# KTNZ AMARILLO, TX BL-19880428AC 1010 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 1000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 31462  
Application ID: 111857  
CDBS Antenna System ID: 5278

2 Towers  
0 Augmentations

Theoretical pattern RMS: 633.04

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	233.75	246.56	
5	264.76	278.99	
10	303.39	319.42	
15	342.55	360.44	
20	378.39	398.00	
25	408.92	430.01	
30	433.16	455.43	
35	450.65	473.77	
40	461.19	484.82	
45	464.71	488.51	
50	461.19	484.82	
55	450.66	473.77	
60	433.17	455.43	
65	408.92	430.01	
70	378.39	398.00	
75	342.55	360.44	
80	303.39	319.42	
85	264.76	278.99	
90	233.75	246.56	
95	221.16	233.41	
100	236.50	249.44	
105	279.42	294.33	
110	341.56	359.40	
115	414.26	435.60	
120	491.14	516.23	
125	567.58	596.42	
130	640.08	672.50	
135	705.89	741.55	
140	762.88	801.37	
145	809.56	850.36	
150	845.03	887.59	
155	869.03	912.79	
160	881.87	926.26	
165	884.36	928.88	
170	877.77	921.95	
175	863.66	907.14	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	843.81	886.32	
185	820.11	861.43	
190	794.38	834.43	
195	768.40	807.16	
200	743.72	781.26	
205	721.71	758.16	
210	703.46	739.00	
215	689.83	724.70	
220	681.42	715.87	
225	678.57	712.89	
230	681.42	715.87	
235	689.83	724.70	
240	703.46	739.00	
245	721.71	758.16	
250	743.72	781.26	
255	768.40	807.16	
260	794.38	834.43	
265	820.11	861.43	
270	843.81	886.32	
275	863.66	907.14	
280	877.77	921.95	
285	884.36	928.88	
290	881.87	926.26	
295	869.03	912.79	
300	845.03	887.59	
305	809.56	850.36	
310	762.88	801.37	
315	705.89	741.55	
320	640.08	672.50	
325	567.58	596.42	
330	491.14	516.23	
335	414.26	435.60	
340	341.56	359.40	
345	279.42	294.33	
350	236.50	249.44	
355	221.16	233.41	