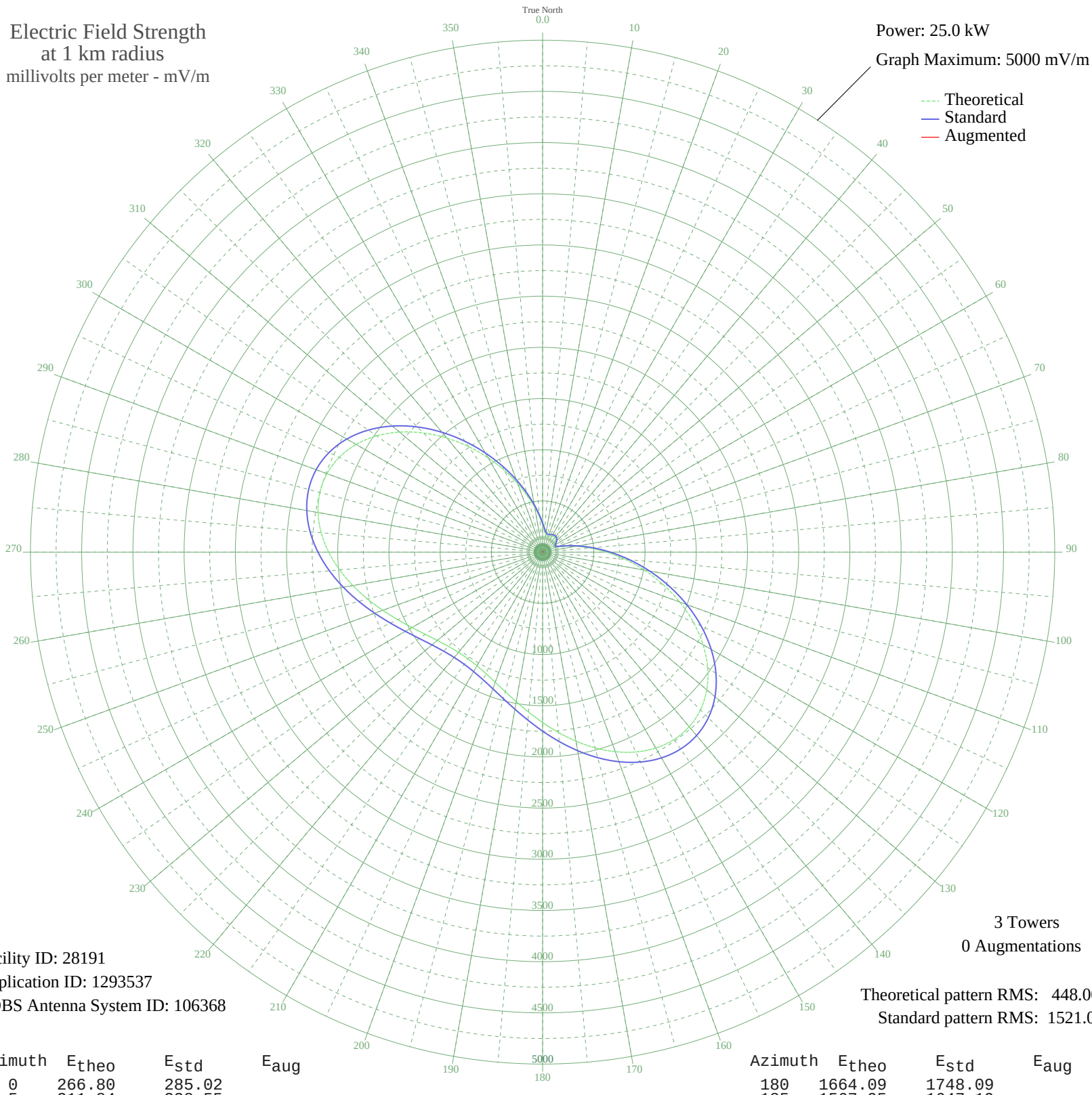
KTMR CONVERSE, TX BL-20090128AIC 1130 kHz

Daytime

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



Power: 25.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 28191
Application ID: 1293537
CDBS Antenna System ID: 106368

Theoretical pattern RMS: 448.00
Standard pattern RMS: 1521.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	266.80	285.02	
5	211.84	228.55	
10	179.13	195.28	
15	165.89	181.93	
20	166.09	182.12	
25	172.62	188.70	
30	179.97	196.13	
35	184.61	200.83	
40	184.43	200.64	
45	178.14	194.28	
50	165.19	181.22	
55	146.32	162.36	
60	126.09	142.43	
65	119.26	135.78	
70	149.33	165.35	
75	222.15	239.09	
80	329.34	349.77	
85	465.21	491.29	
90	626.28	659.69	
95	808.76	850.82	
100	1007.48	1059.16	
105	1215.58	1277.44	
110	1424.75	1496.91	
115	1625.79	1707.89	
120	1809.37	1900.57	
125	1966.96	2065.97	
130	2091.63	2196.84	
135	2178.77	2288.31	
140	2226.46	2338.37	
145	2235.54	2347.91	
150	2209.37	2320.43	
155	2153.29	2261.57	
160	2073.97	2178.30	
165	1978.61	2078.20	
170	1874.35	1968.77	
175	1767.68	1856.81	
180	1664.09	1748.09	
185	1567.95	1647.19	
190	1482.49	1557.50	
195	1409.96	1481.38	
200	1351.83	1420.39	
205	1309.04	1375.50	
210	1282.21	1347.35	
215	1271.78	1336.40	
220	1278.10	1343.03	
225	1301.43	1367.51	
230	1341.87	1409.94	
235	1399.20	1470.09	
240	1472.64	1547.16	
245	1560.66	1639.53	
250	1660.70	1744.52	
255	1769.02	1858.22	
260	1880.64	1975.37	
265	1989.40	2089.53	
270	2088.23	2193.27	
275	2169.60	2278.68	
280	2226.16	2338.06	
285	2251.44	2364.59	
290	2240.56	2353.17	
295	2190.91	2301.05	
300	2102.53	2208.28	
305	1978.27	2077.85	
310	1823.55	1915.44	
315	1645.82	1728.91	
320	1453.84	1527.44	
325	1256.76	1320.64	
330	1063.19	1117.58	
335	880.53	926.05	
340	714.45	752.01	
345	568.67	599.41	
350	445.15	470.35	
355	344.53	365.55	

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