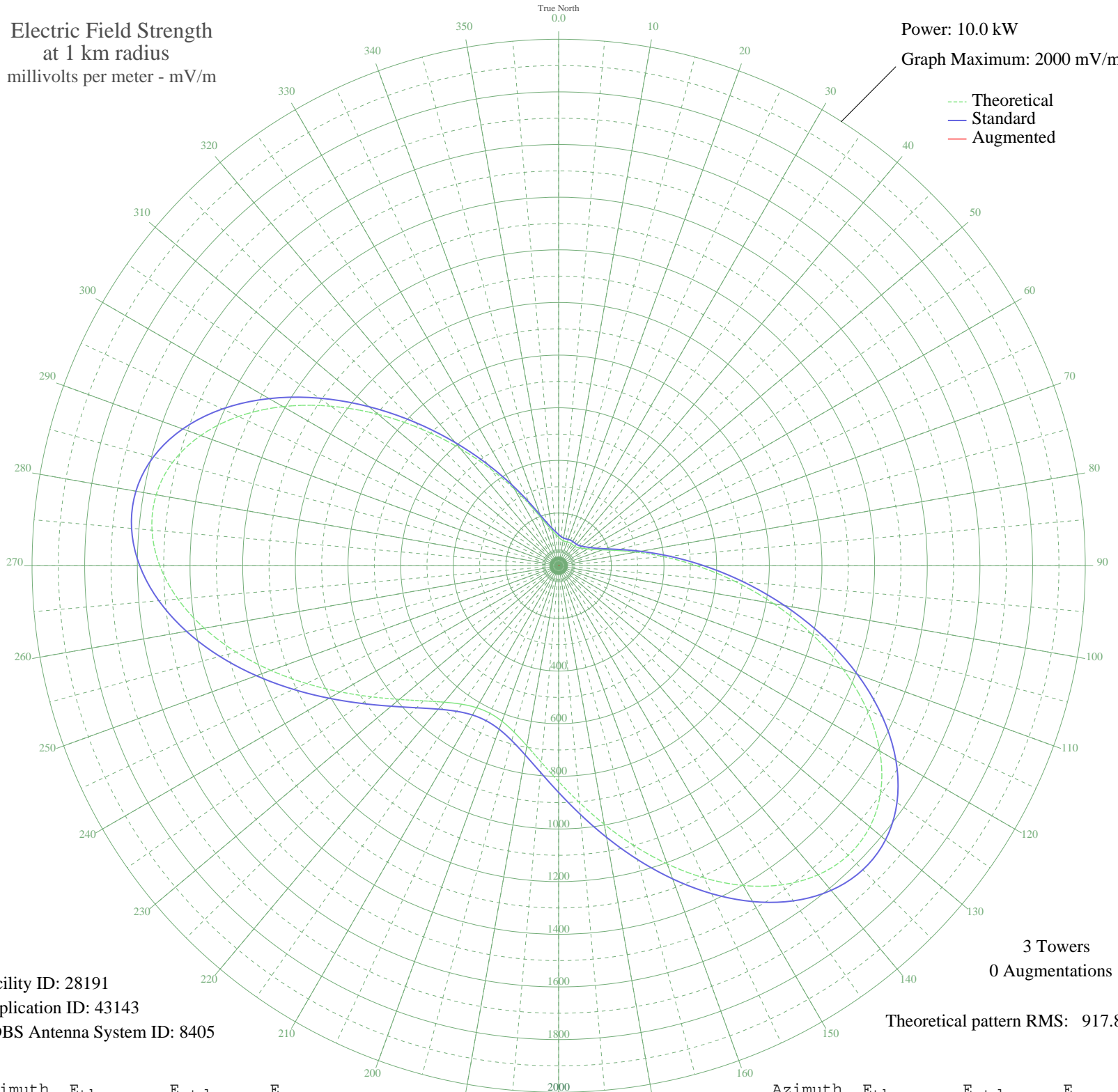


# KTMR EDNA, TX BL-19820527AK 1130 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 28191  
Application ID: 43143  
CDBS Antenna System ID: 8405

3 Towers  
0 Augmentations

Theoretical pattern RMS: 917.87

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	108.34	118.51	
5	100.70	110.83	
10	96.63	106.76	
15	95.62	105.75	
20	96.18	106.31	
25	96.74	106.86	
30	96.47	106.60	
35	95.75	105.88	
40	95.93	106.06	
45	98.65	108.77	
50	104.87	115.01	
55	114.53	124.75	
60	127.64	138.07	
65	146.35	157.22	
70	176.24	188.01	
75	224.95	238.52	
80	298.50	315.17	
85	398.89	420.15	
90	524.36	551.58	
95	670.15	704.44	
100	829.12	871.21	
105	992.32	1042.46	
110	1149.76	1207.70	
115	1291.43	1356.41	
120	1408.35	1479.14	
125	1493.58	1568.61	
130	1542.94	1620.43	
135	1555.36	1633.46	
140	1532.78	1609.76	
145	1479.73	1554.07	
150	1402.55	1473.06	
155	1308.58	1374.41	
160	1205.27	1265.97	
165	1099.52	1154.97	
170	997.18	1047.57	
175	902.84	948.56	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	819.73	861.36	
185	749.94	788.13	
190	694.59	730.08	
195	654.17	687.68	
200	628.76	661.03	
205	618.32	650.09	
210	622.79	654.78	
215	642.21	675.13	
220	676.62	711.23	
225	726.03	763.05	
230	790.14	830.31	
235	868.11	912.12	
240	958.28	1006.74	
245	1057.89	1111.28	
250	1162.91	1221.50	
255	1267.97	1331.78	
260	1366.56	1435.27	
265	1451.36	1524.29	
270	1514.89	1590.98	
275	1550.32	1628.18	
280	1552.29	1630.25	
285	1517.76	1593.99	
290	1446.54	1519.23	
295	1341.61	1409.08	
300	1208.86	1269.73	
305	1056.56	1109.88	
310	894.44	939.74	
315	732.62	769.97	
320	580.59	610.52	
325	446.27	469.76	
330	335.45	353.79	
335	251.18	265.82	
340	193.05	205.41	
345	156.55	167.70	
350	134.22	144.79	
355	119.31	129.60	

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.

12 Oct 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission