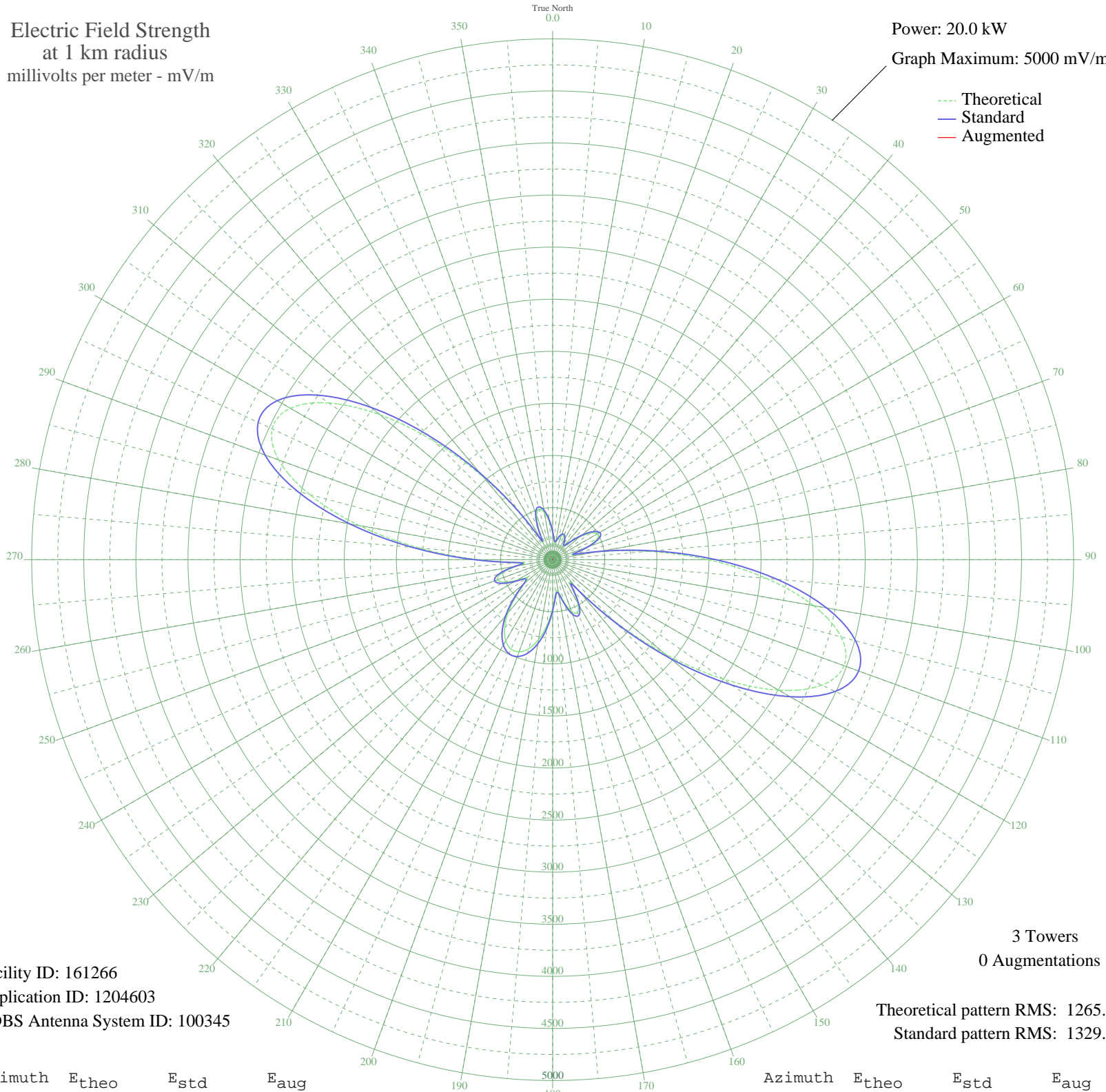


# KTXV MABANK, TX BL-20070904AJD 890 kHz

Daytime

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

Power: 20.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 161266  
Application ID: 1204603  
CDBS Antenna System ID: 100345

3 Towers  
0 Augmentations

Theoretical pattern RMS: 1265.35  
Standard pattern RMS: 1329.45

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	253.76	270.55	
5	170.23	184.80	
10	165.35	179.86	
15	209.48	224.91	
20	243.77	260.23	
25	247.17	263.74	
30	218.22	233.89	
35	172.72	187.33	
40	162.16	176.63	
45	233.02	249.13	
50	342.95	363.15	
55	442.73	467.23	
60	495.55	522.44	
65	469.35	495.05	
70	343.47	363.69	
75	184.84	199.68	
80	429.48	453.39	
85	921.18	968.37	
90	1490.84	1566.09	
95	2058.45	2161.89	
100	2542.38	2669.91	
105	2866.72	3010.42	
110	2976.43	3125.61	
115	2850.08	2992.95	
120	2505.67	2631.37	
125	1997.53	2097.93	
130	1405.47	1476.49	
135	822.14	864.53	
140	365.51	386.64	
145	309.25	328.09	
150	482.03	508.31	
155	561.80	591.76	
160	528.33	556.74	
165	419.33	442.79	
170	310.50	329.39	
175	324.68	344.13	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	465.53	491.06	
185	633.25	666.57	
190	779.16	819.47	
195	884.52	929.93	
200	941.36	989.54	
205	946.57	995.01	
210	899.92	946.08	
215	803.83	845.33	
220	665.02	699.85	
225	499.20	526.26	
230	346.30	366.64	
235	299.90	318.38	
240	394.11	416.47	
245	510.83	538.43	
250	563.41	593.44	
255	507.64	535.08	
260	344.28	364.53	
265	310.67	329.56	
270	715.55	752.79	
275	1285.00	1350.07	
280	1882.99	1977.70	
285	2414.87	2536.05	
290	2797.38	2937.62	
295	2970.04	3118.90	
300	2907.06	3052.78	
305	2622.17	2753.68	
310	2164.54	2273.25	
315	1607.11	1688.12	
320	1031.47	1084.06	
325	517.20	545.09	
330	191.78	206.77	
335	307.40	326.16	
340	452.37	477.30	
345	497.55	524.53	
350	458.14	483.34	
355	364.98	386.10	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission