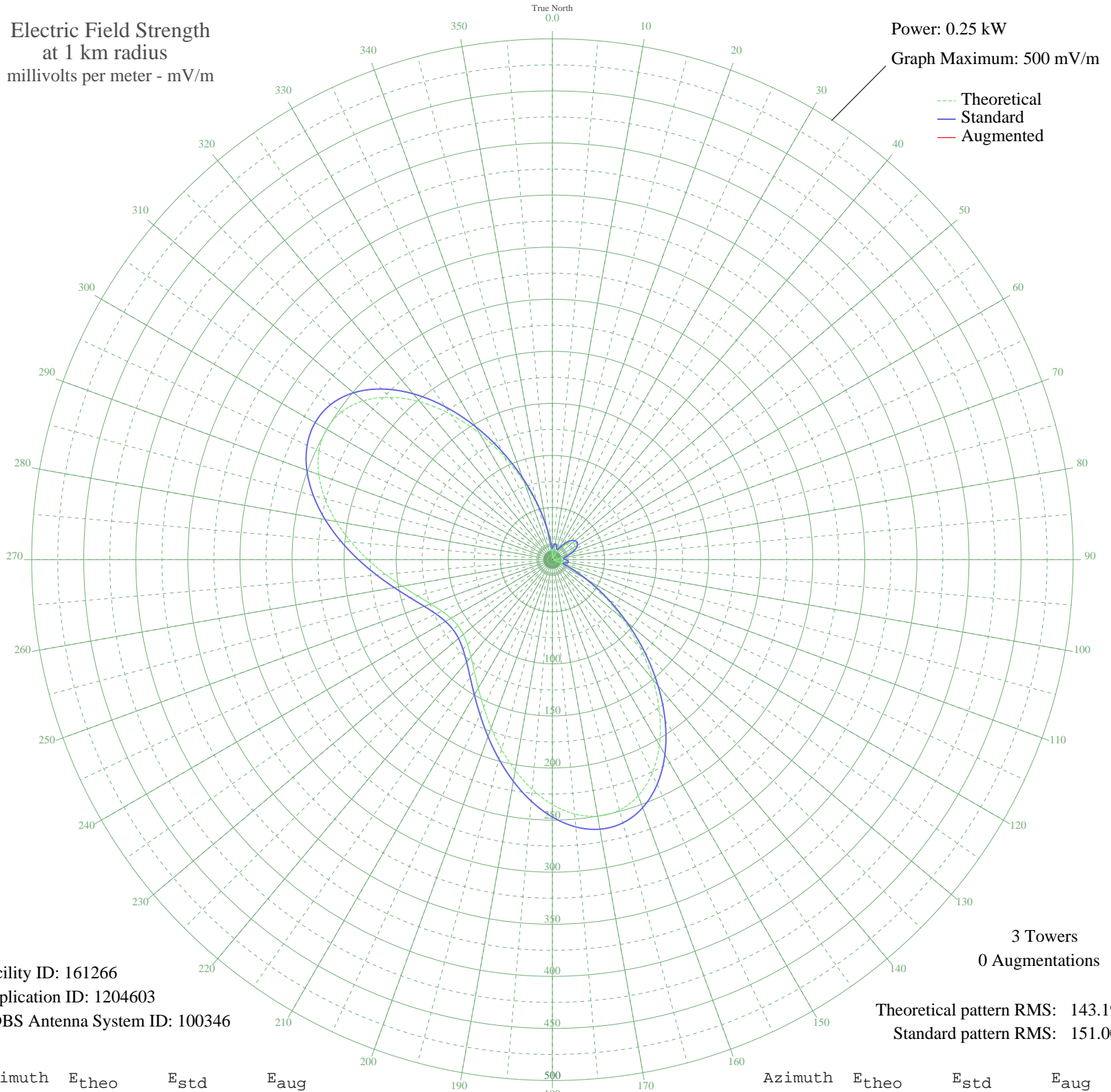


# KTXV MABANK, TX BL-20070904AJD 890 kHz

Nighttime

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

Power: 0.25 kW  
Graph Maximum: 500 mV/m



Facility ID: 161266  
Application ID: 1204603  
CDBS Antenna System ID: 100346

3 Towers  
0 Augmentations

Theoretical pattern RMS: 143.19  
Standard pattern RMS: 151.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1.56	10.63	
5	8.58	13.84	
10	11.01	15.62	
15	9.69	14.62	
20	5.67	12.07	
25	0.75	10.53	
30	6.58	12.57	
35	12.86	17.10	
40	18.34	21.93	
45	22.51	25.86	
50	25.01	28.28	
55	25.66	28.92	
60	24.41	27.69	
65	21.34	24.75	
70	16.71	20.44	
75	10.90	15.53	
80	4.52	11.52	
85	2.00	10.71	
90	7.19	12.93	
95	10.46	15.19	
100	10.69	15.37	
105	6.86	12.73	
110	1.89	10.69	
115	15.90	19.72	
120	35.36	38.59	
125	59.76	63.62	
130	88.06	93.06	
135	118.73	125.10	
140	149.88	157.72	
145	179.47	188.74	
150	205.55	216.08	
155	226.48	238.04	
160	241.12	253.39	
165	248.94	261.60	
170	250.04	262.75	
175	245.06	257.53	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	235.09	247.06	
185	221.42	232.73	
190	205.47	215.99	
195	188.55	198.25	
200	171.82	180.71	
205	156.19	164.34	
210	142.36	149.85	
215	130.77	137.71	
220	121.70	128.22	
225	115.29	121.51	
230	111.61	117.66	
235	110.67	116.68	
240	112.49	118.58	
245	117.05	123.35	
250	124.32	130.96	
255	134.22	141.32	
260	146.56	154.25	
265	161.03	169.40	
270	177.09	186.24	
275	193.99	203.96	
280	210.74	221.52	
285	226.11	237.65	
290	238.75	250.90	
295	247.26	259.83	
300	250.39	263.12	
305	247.19	259.76	
310	237.16	249.24	
315	220.42	231.68	
320	197.70	207.85	
325	170.29	179.12	
330	139.98	147.35	
335	108.76	114.68	
340	78.66	83.26	
345	51.47	55.05	
350	28.56	31.78	
355	10.81	15.46	