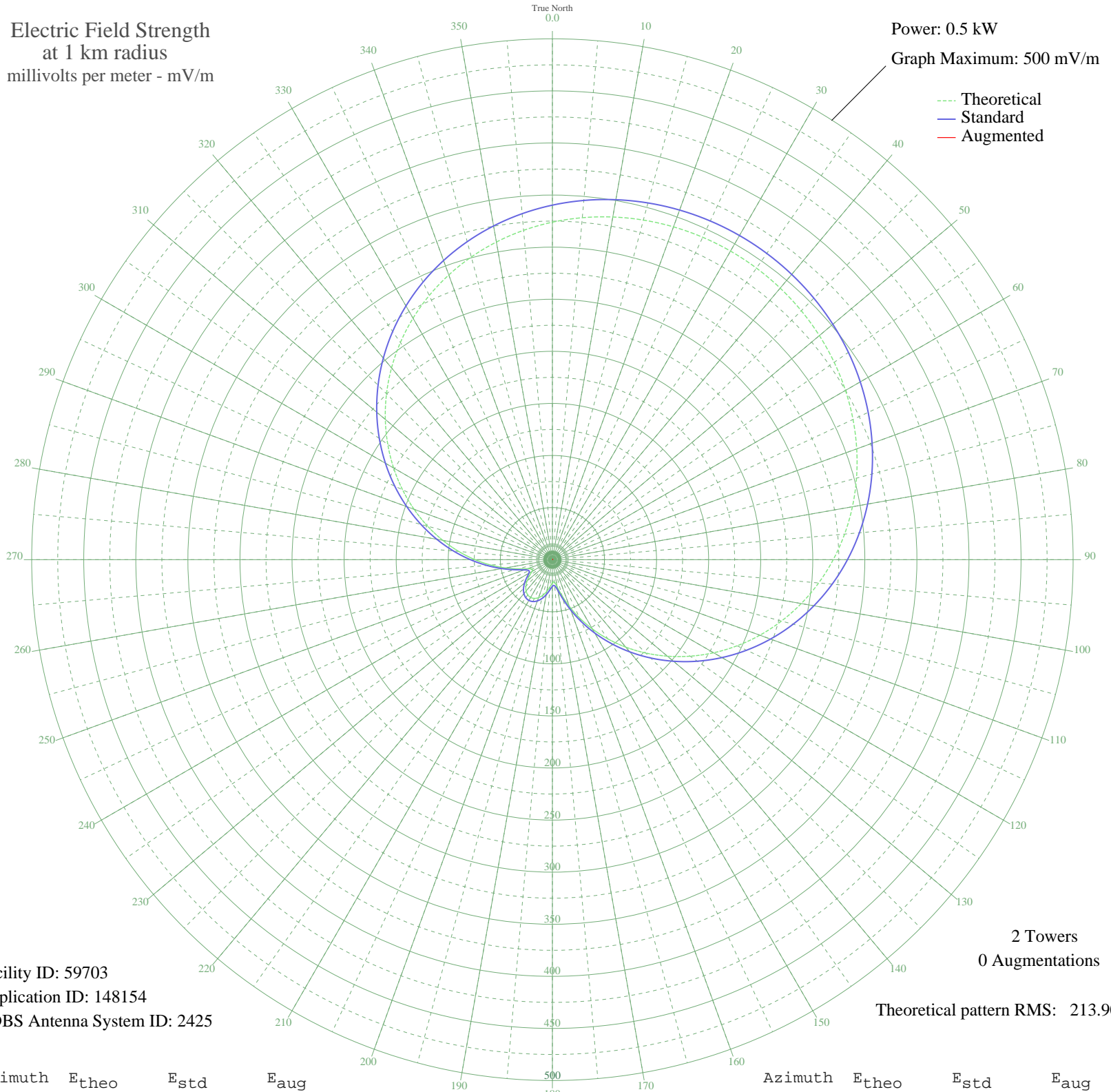


# KKDA GRAND PRAIRIE, TX BL-19900511AE 730 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 59703  
Application ID: 148154  
CDBS Antenna System ID: 2425

2 Towers  
0 Augmentations

Theoretical pattern RMS: 213.90

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	323.98	340.34	
5	329.52	346.16	
10	334.02	350.88	
15	337.50	354.53	
20	339.98	357.14	
25	341.50	358.72	
30	342.05	359.31	
35	341.65	358.88	
40	340.29	357.46	
45	337.96	355.01	
50	334.64	351.53	
55	330.31	346.99	
60	324.94	341.35	
65	318.49	334.58	
70	310.96	326.67	
75	302.30	317.59	
80	292.53	307.34	
85	281.65	295.92	
90	269.67	283.35	
95	256.65	269.68	
100	242.64	254.99	
105	227.73	239.34	
110	212.03	222.87	
115	195.66	205.71	
120	178.78	188.01	
125	161.54	169.94	
130	144.14	151.71	
135	126.75	133.50	
140	109.59	115.55	
145	92.87	98.08	
150	76.82	81.34	
155	61.70	65.63	
160	47.86	51.34	
165	35.83	39.06	
170	26.58	29.82	
175	21.72	25.11	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	22.17	25.54	
185	26.06	29.31	
190	30.91	34.12	
195	35.37	38.59	
200	38.83	42.10	
205	41.03	44.34	
210	41.85	45.18	
215	41.26	44.57	
220	39.27	42.55	
225	36.00	39.23	
230	31.67	34.88	
235	26.82	30.06	
240	22.64	25.98	
245	21.45	24.85	
250	25.46	28.72	
255	34.13	37.34	
260	45.79	49.22	
265	59.39	63.24	
270	74.33	78.75	
275	90.25	95.34	
280	106.88	112.72	
285	123.99	130.61	
290	141.35	148.79	
295	158.76	167.03	
300	176.04	185.14	
305	192.99	202.91	
310	209.45	220.17	
315	225.27	236.76	
320	240.31	252.54	
325	254.47	267.40	
330	267.66	281.24	
335	279.80	293.98	
340	290.87	305.59	
345	300.82	316.03	
350	309.65	325.30	
355	317.36	333.40	

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.

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20 Nov 2009

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission