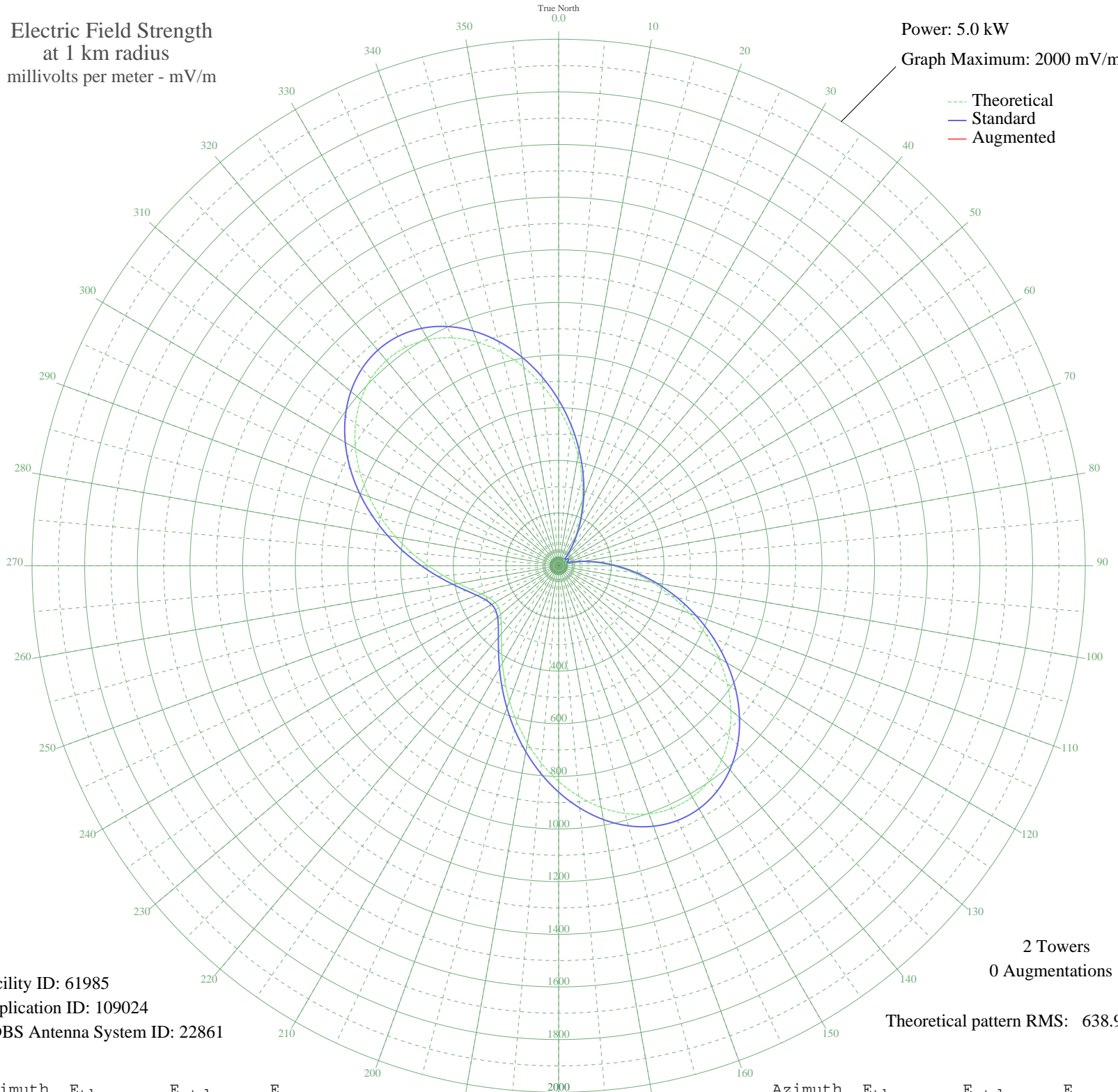


# KXTD WAGONER, OK BL-19880201AD 1530 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 61985  
Application ID: 109024  
CDBS Antenna System ID: 22861

2 Towers  
0 Augmentations

Theoretical pattern RMS: 638.93

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	599.37	629.62	
5	511.79	537.72	
10	425.14	446.80	
15	341.85	359.44	
20	264.05	277.89	
25	193.54	204.09	
30	131.85	139.73	
35	80.54	86.65	
40	42.33	48.30	
45	26.13	33.31	
50	32.94	39.41	
55	39.90	45.96	
60	39.06	45.16	
65	31.01	37.65	
70	26.95	34.03	
75	48.65	54.47	
80	89.88	96.25	
85	143.41	151.77	
90	206.98	218.15	
95	279.08	293.64	
100	358.13	376.51	
105	442.28	464.77	
110	529.32	556.11	
115	616.76	647.88	
120	701.87	737.21	
125	781.79	821.10	
130	853.70	896.59	
135	914.97	960.91	
140	963.33	1011.67	
145	997.03	1047.06	
150	1014.97	1065.89	
155	1016.76	1067.77	
160	1002.77	1053.07	
165	974.05	1022.93	
170	932.32	979.12	
175	879.77	923.95	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	818.93	860.08	
185	752.54	790.39	
190	683.33	717.75	
195	613.97	644.94	
200	546.85	574.51	
205	484.13	508.68	
210	427.59	449.37	
215	378.72	398.10	
220	338.64	356.07	
225	308.20	324.16	
230	287.97	302.96	
235	278.32	292.85	
240	279.40	293.97	
245	291.18	306.32	
250	313.48	329.70	
255	345.91	363.69	
260	387.82	407.65	
265	438.33	460.63	
270	496.23	521.38	
275	559.99	588.29	
280	627.73	659.39	
285	697.27	732.38	
290	766.13	804.66	
295	831.63	873.42	
300	891.03	935.77	
305	941.61	988.87	
310	980.90	1030.12	
315	1006.79	1057.29	
320	1017.69	1068.74	
325	1012.67	1063.48	
330	991.53	1041.28	
335	954.78	1002.70	
340	903.68	949.06	
345	840.09	882.30	
350	766.36	804.90	
355	685.17	719.68	

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.

27 Aug 2020

Prepared by Audio Division, Media Bureau  
Federal Communications Commission