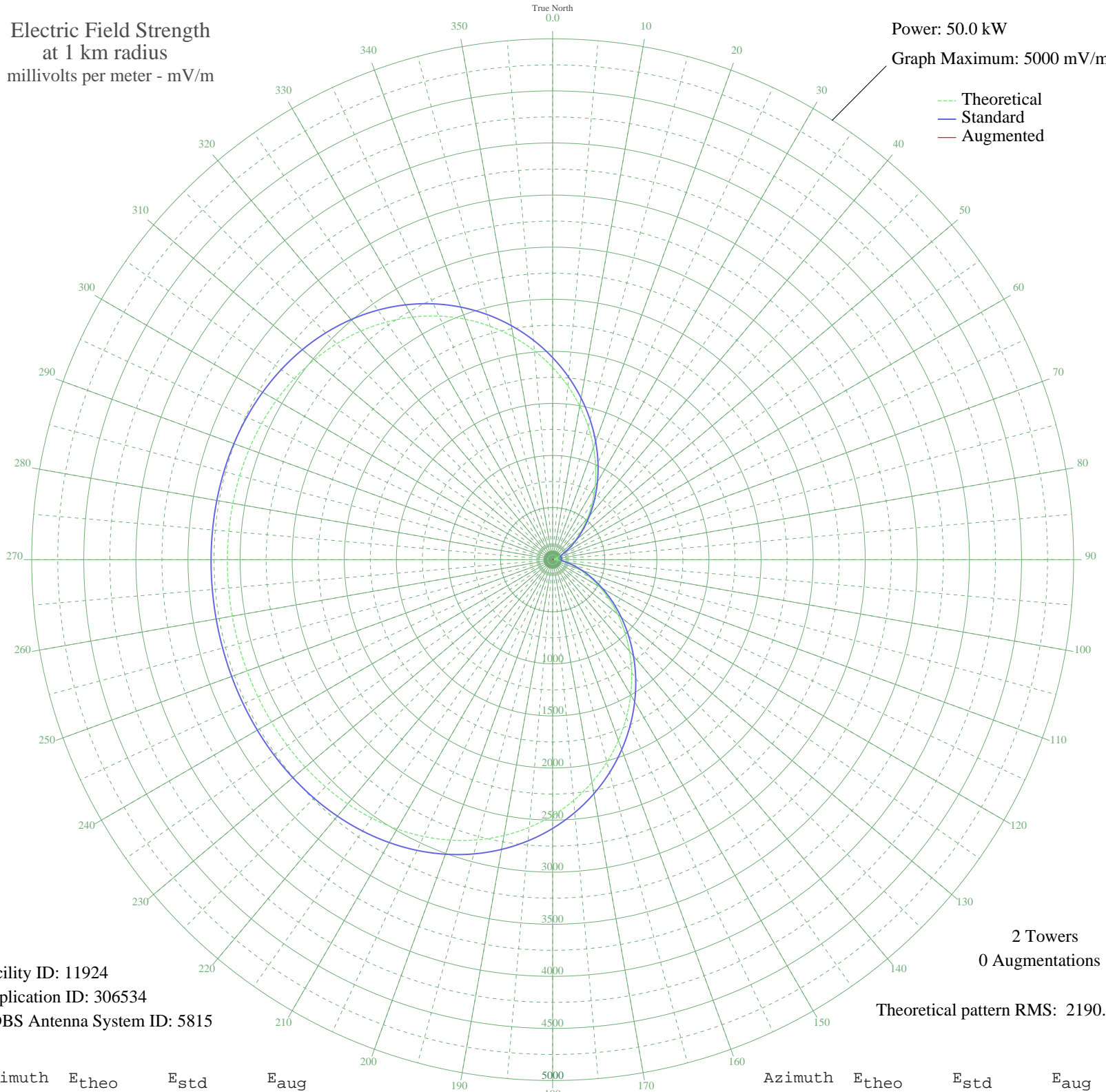


# KTWO CASPER, WY BL-- 1030 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 11924  
Application ID: 306534  
CDBS Antenna System ID: 5815

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 2190.80

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1845.93	1939.65	
5	1673.45	1758.69	
10	1497.73	1574.36	
15	1321.40	1389.45	
20	1147.12	1206.76	
25	977.48	1029.04	
30	814.92	858.89	
35	661.70	698.74	
40	519.83	550.84	
45	391.05	417.27	
50	276.89	300.06	
55	178.60	201.70	
60	97.39	126.37	
65	35.45	83.06	
70	21.38	77.56	
75	45.25	88.15	
80	54.10	93.48	
85	45.25	88.15	
90	21.38	77.57	
95	35.45	83.06	
100	97.39	126.37	
105	178.60	201.70	
110	276.89	300.06	
115	391.05	417.26	
120	519.82	550.84	
125	661.70	698.74	
130	814.92	858.88	
135	977.48	1029.03	
140	1147.12	1206.76	
145	1321.40	1389.45	
150	1497.72	1574.36	
155	1673.45	1758.69	
160	1845.93	1939.65	
165	2012.64	2114.57	
170	2171.23	2281.00	
175	2319.66	2436.77	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	2456.21	2580.09	
185	2579.62	2709.61	
190	2689.03	2824.46	
195	2784.08	2924.22	
200	2864.84	3009.00	
205	2931.83	3079.32	
210	2985.91	3136.09	
215	3028.27	3180.55	
220	3060.30	3214.17	
225	3083.55	3238.58	
230	3099.61	3255.44	
235	3110.06	3266.41	
240	3116.37	3273.03	
245	3119.82	3276.65	
250	3121.48	3278.40	
255	3122.15	3279.10	
260	3122.32	3279.28	
265	3122.15	3279.10	
270	3121.48	3278.40	
275	3119.82	3276.65	
280	3116.37	3273.03	
285	3110.06	3266.41	
290	3099.61	3255.44	
295	3083.55	3238.58	
300	3060.30	3214.17	
305	3028.27	3180.55	
310	2985.91	3136.09	
315	2931.83	3079.32	
320	2864.84	3009.00	
325	2784.08	2924.22	
330	2689.03	2824.46	
335	2579.62	2709.61	
340	2456.21	2580.09	
345	2319.66	2436.77	
350	2171.23	2281.00	
355	2012.64	2114.57	

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