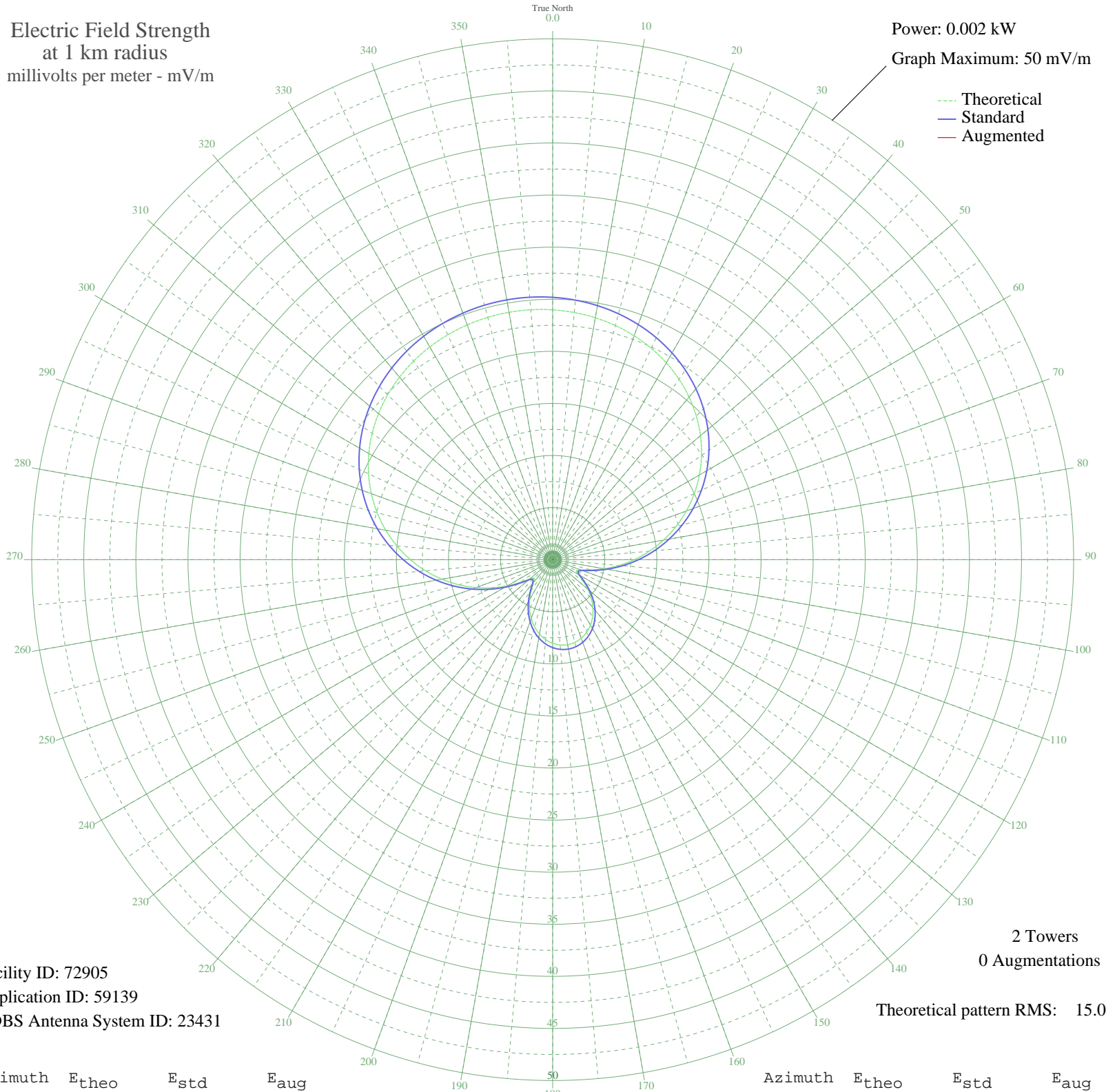


# KDOM WINDOM, MN BL-19830720AJ 1580 kHz

Nighttime

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

Power: 0.002 kW  
Graph Maximum: 50 mV/m



Facility ID: 72905  
Application ID: 59139  
CDBS Antenna System ID: 23431

2 Towers  
0 Augmentations

Theoretical pattern RMS: 15.01

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	23.98	25.19	
5	23.82	25.01	
10	23.58	24.76	
15	23.26	24.43	
20	22.87	24.02	
25	22.39	23.51	
30	21.82	22.91	
35	21.14	22.21	
40	20.37	21.40	
45	19.50	20.48	
50	18.52	19.45	
55	17.44	18.32	
60	16.26	17.08	
65	15.00	15.75	
70	13.65	14.35	
75	12.25	12.87	
80	10.80	11.35	
85	9.32	9.80	
90	7.84	8.24	
95	6.39	6.73	
100	5.01	5.29	
105	3.79	4.01	
110	2.87	3.05	
115	2.51	2.69	
120	2.83	3.01	
125	3.55	3.76	
130	4.39	4.64	
135	5.23	5.52	
140	6.01	6.33	
145	6.69	7.04	
150	7.25	7.63	
155	7.70	8.10	
160	8.02	8.44	
165	8.22	8.65	
170	8.28	8.71	
175	8.22	8.65	

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.

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	8.02	8.44	
185	7.70	8.10	
190	7.25	7.63	
195	6.69	7.04	
200	6.01	6.33	
205	5.23	5.52	
210	4.39	4.64	
215	3.55	3.76	
220	2.83	3.01	
225	2.51	2.69	
230	2.87	3.05	
235	3.79	4.01	
240	5.01	5.29	
245	6.39	6.73	
250	7.84	8.24	
255	9.32	9.80	
260	10.80	11.35	
265	12.25	12.87	
270	13.65	14.35	
275	15.00	15.75	
280	16.26	17.08	
285	17.44	18.32	
290	18.52	19.45	
295	19.50	20.48	
300	20.37	21.40	
305	21.14	22.21	
310	21.82	22.91	
315	22.39	23.51	
320	22.87	24.02	
325	23.26	24.43	
330	23.58	24.76	
335	23.82	25.01	
340	23.98	25.19	
345	24.08	25.29	
350	24.11	25.32	
355	24.08	25.29	

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission