

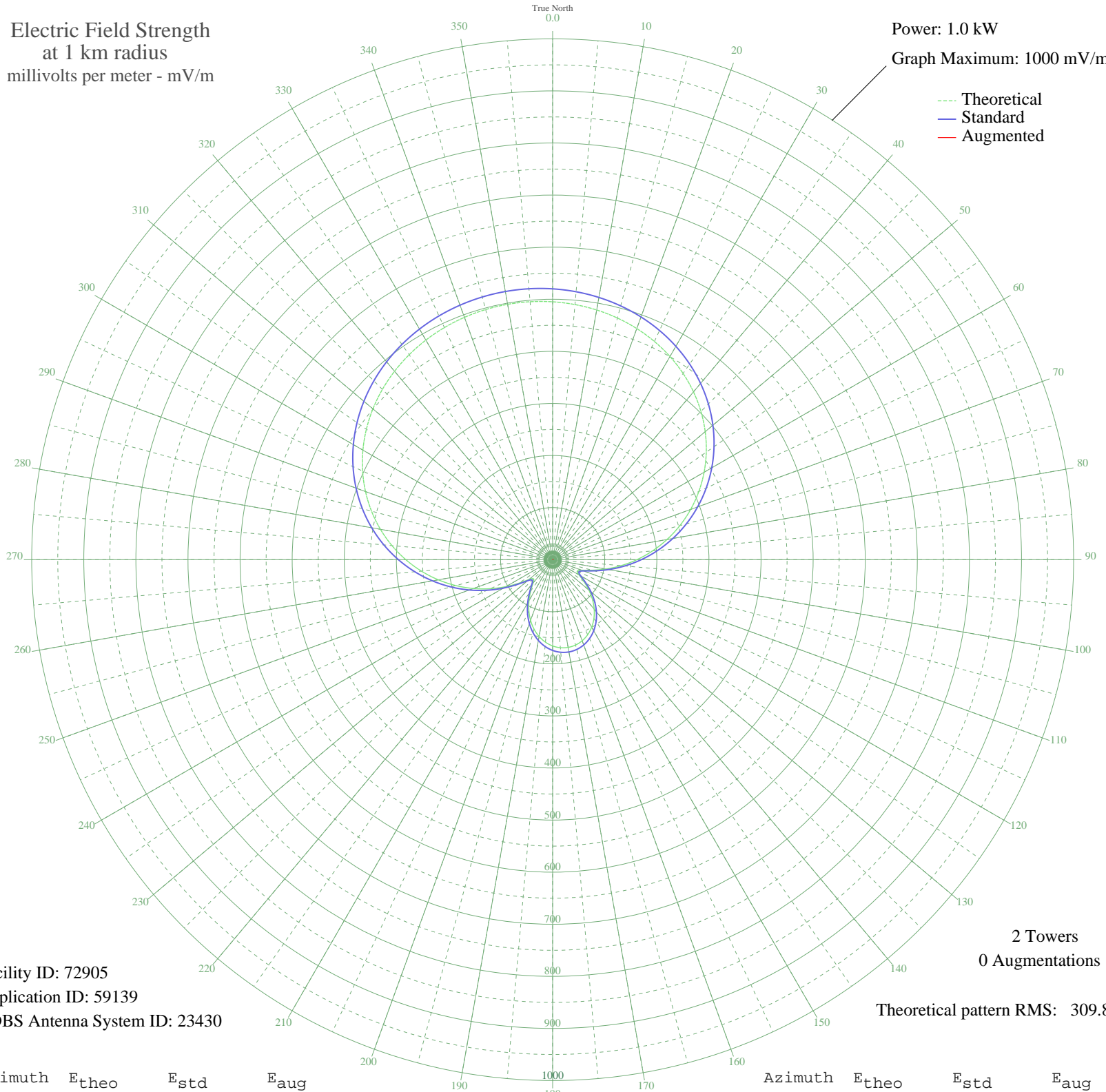
KDOM WINDOM, MN BL-19830720AJ 1580 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 72905
Application ID: 59139
CDBS Antenna System ID: 23430

2 Towers
0 Augmentations

Theoretical pattern RMS: 309.88

Azimuth	E _{theo}	E _{std}	E _{aug}
0	495.09	519.95	
5	491.66	516.35	
10	486.76	511.21	
15	480.30	504.42	
20	472.16	495.87	
25	462.22	485.44	
30	450.37	473.01	
35	436.52	458.46	
40	420.58	441.73	
45	402.50	422.76	
50	382.29	401.54	
55	359.99	378.13	
60	335.70	352.64	
65	309.59	325.24	
70	281.88	296.16	
75	252.85	265.71	
80	222.87	234.25	
85	192.35	202.24	
90	161.80	170.21	
95	131.86	138.85	
100	103.47	109.15	
105	78.21	82.79	
110	59.23	63.07	
115	51.86	55.46	
120	58.37	62.18	
125	73.22	77.59	
130	90.69	95.81	
135	108.03	113.92	
140	124.01	130.63	
145	138.02	145.30	
150	149.74	157.58	
155	159.00	167.28	
160	165.67	174.27	
165	169.69	178.49	
170	171.04	179.90	
175	169.69	178.49	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	165.67	174.27	
185	159.00	167.28	
190	149.74	157.58	
195	138.02	145.30	
200	124.01	130.63	
205	108.03	113.92	
210	90.69	95.81	
215	73.22	77.59	
220	58.37	62.18	
225	51.86	55.46	
230	59.23	63.07	
235	78.21	82.79	
240	103.47	109.15	
245	131.86	138.85	
250	161.80	170.21	
255	192.35	202.24	
260	222.87	234.25	
265	252.85	265.70	
270	281.88	296.16	
275	309.59	325.24	
280	335.70	352.64	
285	359.99	378.13	
290	382.29	401.54	
295	402.50	422.76	
300	420.58	441.73	
305	436.52	458.46	
310	450.37	473.01	
315	462.22	485.44	
320	472.16	495.87	
325	480.30	504.42	
330	486.76	511.21	
335	491.66	516.35	
340	495.09	519.95	
345	497.11	522.07	
350	497.78	522.78	
355	497.11	522.07	