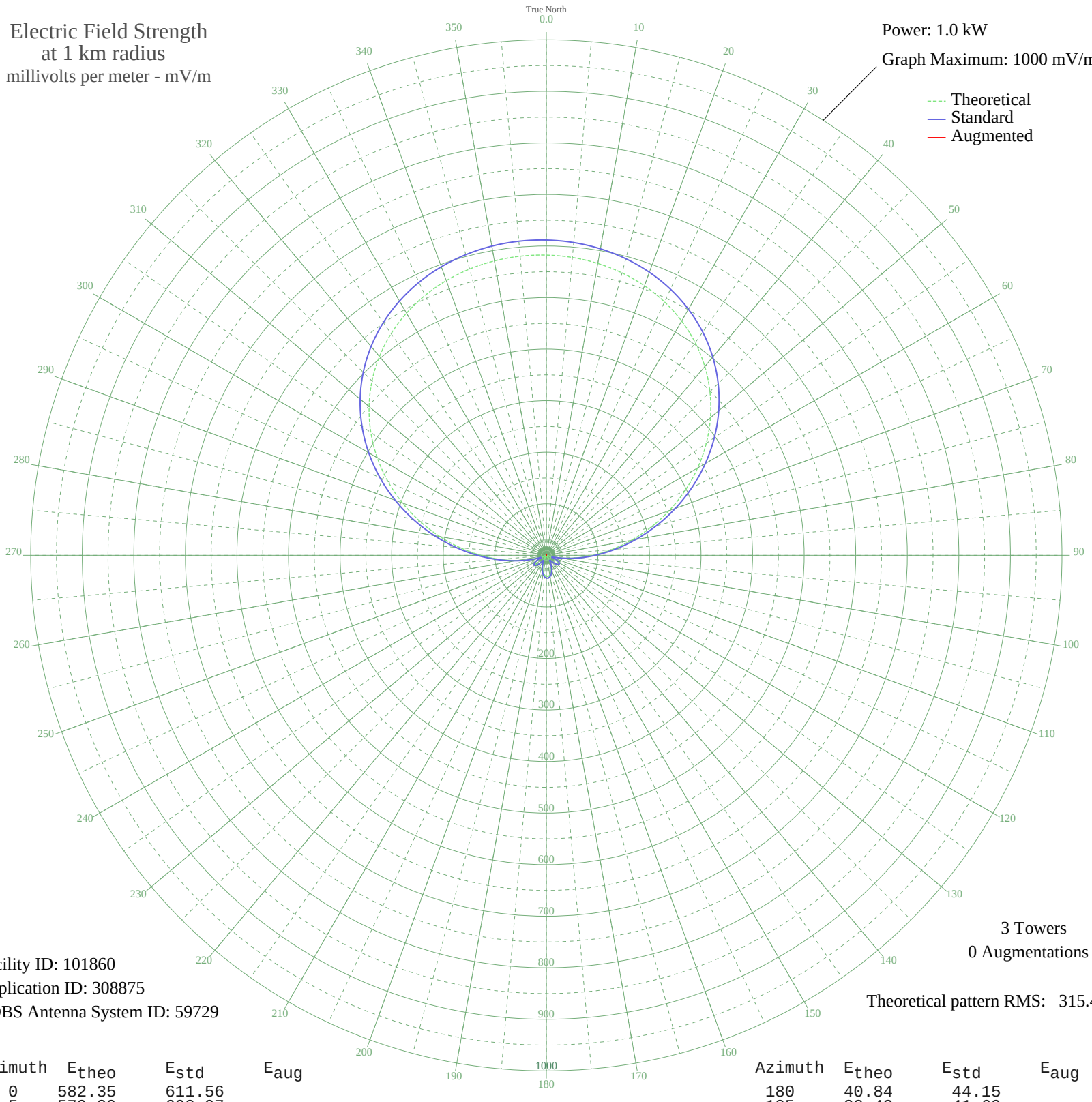
831219 VIRDEN, MB Canada -- 1180 kHz

Nighttime

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



Power: 1.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 101860
Application ID: 308875
CDBS Antenna System ID: 59729

Theoretical pattern RMS: 315.43

Azimuth	E_{theo}	E_{std}	E_{aug}
0	582.35	611.56	
5	579.89	608.97	
10	574.87	603.71	
15	567.12	595.57	
20	556.38	584.30	
25	542.38	569.60	
30	524.82	551.16	
35	503.45	528.72	
40	478.10	502.11	
45	448.73	471.28	
50	415.47	436.37	
55	378.66	397.73	
60	338.84	355.94	
65	296.77	311.78	
70	253.40	266.28	
75	209.84	220.58	
80	167.27	175.95	
85	126.89	133.65	
90	89.81	94.89	
95	57.02	60.79	
100	29.26	32.47	
105	7.02	12.83	
110	9.49	14.48	
115	20.38	23.84	
120	26.01	29.26	
125	26.96	30.19	
130	23.98	27.28	
135	17.95	21.58	
140	9.79	14.69	
145	0.39	10.51	
150	9.38	14.39	
155	18.74	22.30	
160	27.04	30.27	
165	33.74	36.95	
170	38.43	41.69	
175	40.84	44.15	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	40.84	44.15	
185	38.43	41.69	
190	33.74	36.95	
195	27.04	30.27	
200	18.74	22.30	
205	9.38	14.39	
210	0.39	10.51	
215	9.79	14.69	
220	17.95	21.58	
225	23.98	27.28	
230	26.96	30.19	
235	26.01	29.26	
240	20.38	23.84	
245	9.49	14.48	
250	7.02	12.83	
255	29.26	32.47	
260	57.02	60.78	
265	89.81	94.89	
270	126.89	133.64	
275	167.27	175.95	
280	209.84	220.58	
285	253.40	266.28	
290	296.77	311.78	
295	338.84	355.94	
300	378.66	397.73	
305	415.47	436.37	
310	448.73	471.28	
315	478.10	502.11	
320	503.45	528.72	
325	524.82	551.16	
330	542.38	569.60	
335	556.38	584.30	
340	567.12	595.57	
345	574.87	603.71	
350	579.89	608.97	
355	582.35	611.56	

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