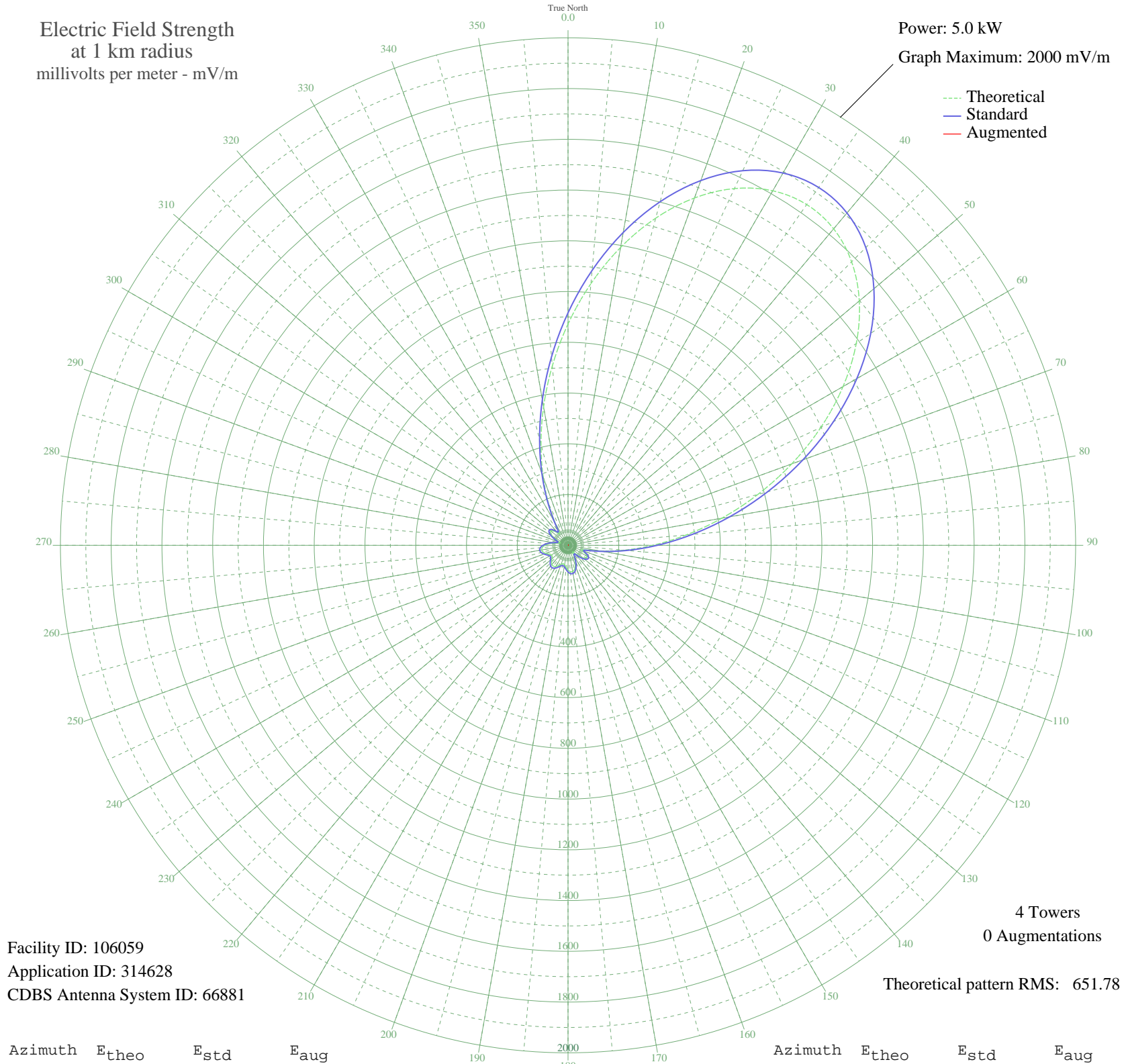


CBEF WINDSOR, ON Canada -- 540 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 106059
Application ID: 314628
CDBS Antenna System ID: 66881

4 Towers
0 Augmentations
Theoretical pattern RMS: 651.78

Azimuth	E _{theo}	E _{std}	E _{aug}
0	872.23	916.17	
5	1035.30	1087.34	
10	1191.93	1251.77	
15	1334.77	1401.72	
20	1456.67	1529.70	
25	1551.23	1628.97	
30	1613.31	1694.16	
35	1639.47	1721.62	
40	1628.23	1709.82	
45	1580.22	1659.41	
50	1498.13	1573.23	
55	1386.47	1456.00	
60	1251.19	1313.98	
65	1099.19	1154.41	
70	937.82	985.02	
75	774.33	813.42	
80	615.45	646.69	
85	467.04	491.01	
90	333.94	351.49	
95	220.06	232.36	
100	129.29	137.95	
105	69.53	77.02	
110	57.64	65.31	
115	74.07	81.55	
120	86.11	93.69	
125	86.80	94.38	
130	76.92	84.42	
135	59.46	67.09	
140	39.74	48.41	
145	30.78	40.58	
150	44.28	52.57	
155	65.61	73.14	
160	84.82	92.38	
165	98.36	106.15	
170	104.77	112.71	
175	103.93	111.85	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	97.05	104.81	
185	86.88	94.47	
190	77.83	85.33	
195	74.81	82.29	
200	79.45	86.96	
205	88.33	95.94	
210	96.48	104.24	
215	100.41	108.25	
220	98.68	106.48	
225	91.90	99.57	
230	82.75	90.29	
235	75.80	83.28	
240	75.63	83.12	
245	82.78	90.32	
250	93.12	100.81	
255	101.76	109.63	
260	105.25	113.20	
265	101.80	109.68	
270	91.03	98.68	
275	73.82	81.31	
280	52.69	60.52	
285	34.07	43.38	
290	33.71	43.07	
295	51.40	59.29	
300	70.64	78.12	
305	83.99	91.55	
310	87.79	95.39	
315	80.14	87.66	
320	63.47	71.02	
325	58.53	66.18	
330	100.84	108.69	
335	180.69	191.30	
340	285.84	301.14	
345	411.68	432.96	
350	554.48	582.73	
355	709.82	745.72	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission