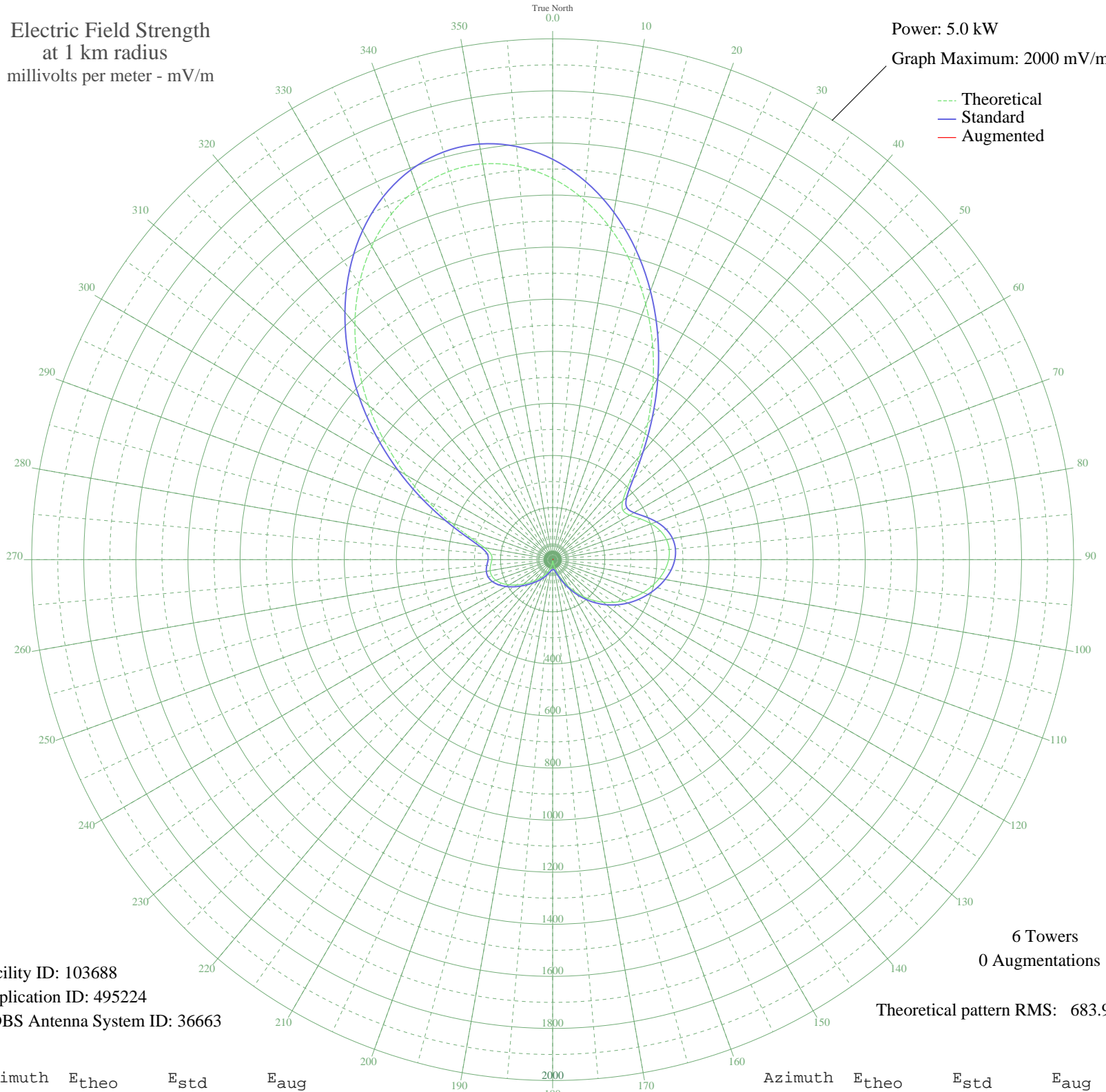


# CJYE OAKVILLE, ON Canada -- 1250 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 103688  
Application ID: 495224  
CDBS Antenna System ID: 36663

6 Towers  
0 Augmentations  
Theoretical pattern RMS: 683.97

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1463.80	1537.43	
5	1387.22	1457.06	
10	1289.33	1354.31	
15	1173.75	1232.99	
20	1044.90	1097.77	
25	907.96	954.08	
30	768.86	808.16	
35	634.46	667.22	
40	513.01	539.94	
45	414.81	437.14	
50	351.45	370.89	
55	329.53	348.00	
60	341.72	360.72	
65	370.92	391.23	
70	402.42	424.17	
75	427.86	450.79	
80	443.69	467.35	
85	449.15	473.07	
90	445.12	468.86	
95	433.30	456.48	
100	415.64	438.00	
105	393.93	415.29	
110	369.54	389.79	
115	343.24	362.32	
120	315.30	333.15	
125	285.64	302.21	
130	254.13	269.41	
135	220.87	234.88	
140	186.33	199.15	
145	151.38	163.24	
150	117.27	128.62	
155	85.41	97.08	
160	57.23	70.66	
165	33.90	51.47	
170	16.19	40.88	
175	5.13	37.57	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	7.59	38.02	
185	14.65	40.24	
190	23.32	44.52	
195	34.15	51.65	
200	46.66	61.50	
205	60.06	73.21	
210	73.97	86.11	
215	88.65	100.23	
220	104.95	116.30	
225	123.75	135.16	
230	145.37	157.10	
235	169.05	181.35	
240	193.00	206.04	
245	214.78	228.56	
250	231.74	246.15	
255	241.69	256.48	
260	243.65	258.52	
265	239.01	253.70	
270	233.25	247.72	
275	237.48	252.11	
280	265.68	281.43	
285	325.56	343.86	
290	414.62	436.94	
295	525.70	553.24	
300	651.54	685.13	
305	785.65	825.77	
310	922.17	968.99	
315	1055.64	1109.05	
320	1181.02	1240.63	
325	1293.62	1358.81	
330	1389.31	1459.25	
335	1464.51	1538.18	
340	1516.39	1592.64	
345	1542.91	1620.48	
350	1542.94	1620.51	
355	1516.30	1592.55	

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission