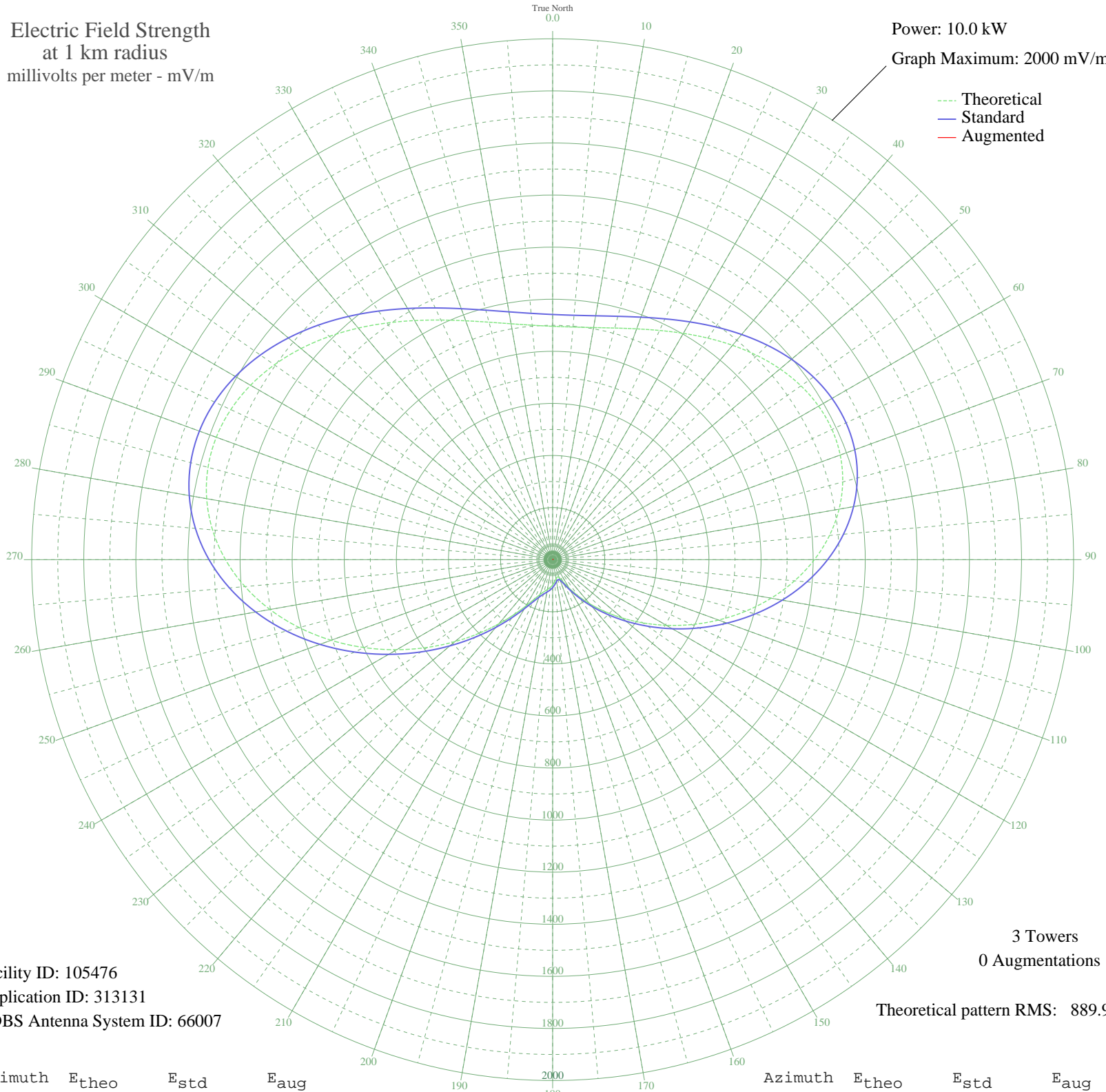


# CKAR OSHAWA, ON Canada -- 1350 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 105476  
Application ID: 313131  
CDBS Antenna System ID: 66007

3 Towers  
0 Augmentations

Theoretical pattern RMS: 889.97

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	896.05	941.44	
5	896.59	942.01	
10	905.00	950.83	
15	920.76	967.36	
20	943.12	990.83	
25	971.11	1020.20	
30	1003.46	1054.15	
35	1038.56	1090.99	
40	1074.47	1128.68	
45	1108.94	1164.86	
50	1139.52	1196.96	
55	1163.67	1222.31	
60	1178.97	1238.37	
65	1183.27	1242.87	
70	1174.89	1234.08	
75	1152.78	1210.87	
80	1116.63	1172.93	
85	1066.92	1120.76	
90	1004.88	1055.64	
95	932.40	979.58	
100	851.89	895.10	
105	766.06	805.05	
110	677.74	712.40	
115	589.61	619.98	
120	504.09	530.33	
125	423.15	445.54	
130	348.29	367.20	
135	280.53	296.43	
140	220.54	233.93	
145	168.76	180.28	
150	125.86	136.26	
155	93.23	103.36	
160	73.53	84.04	
165	68.63	79.34	
170	74.90	85.37	
175	85.75	95.96	

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 <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	96.92	107.05	
185	106.97	117.12	
190	116.31	126.56	
195	127.04	137.47	
200	142.75	153.52	
205	167.64	179.12	
210	205.03	217.83	
215	256.45	271.31	
220	321.82	339.53	
225	400.03	421.34	
230	489.34	514.87	
235	587.45	617.72	
240	691.61	726.95	
245	798.65	839.24	
250	905.10	950.94	
255	1007.39	1058.28	
260	1102.01	1157.59	
265	1185.78	1245.51	
270	1256.03	1319.24	
275	1310.75	1376.68	
280	1348.76	1416.59	
285	1369.74	1438.61	
290	1374.19	1443.29	
295	1363.41	1431.97	
300	1339.31	1406.67	
305	1304.27	1369.89	
310	1260.98	1324.44	
315	1212.24	1273.29	
320	1160.83	1219.33	
325	1109.36	1165.30	
330	1060.15	1113.65	
335	1015.19	1066.47	
340	976.09	1025.43	
345	944.01	991.77	
350	919.75	966.31	
355	903.73	949.49	