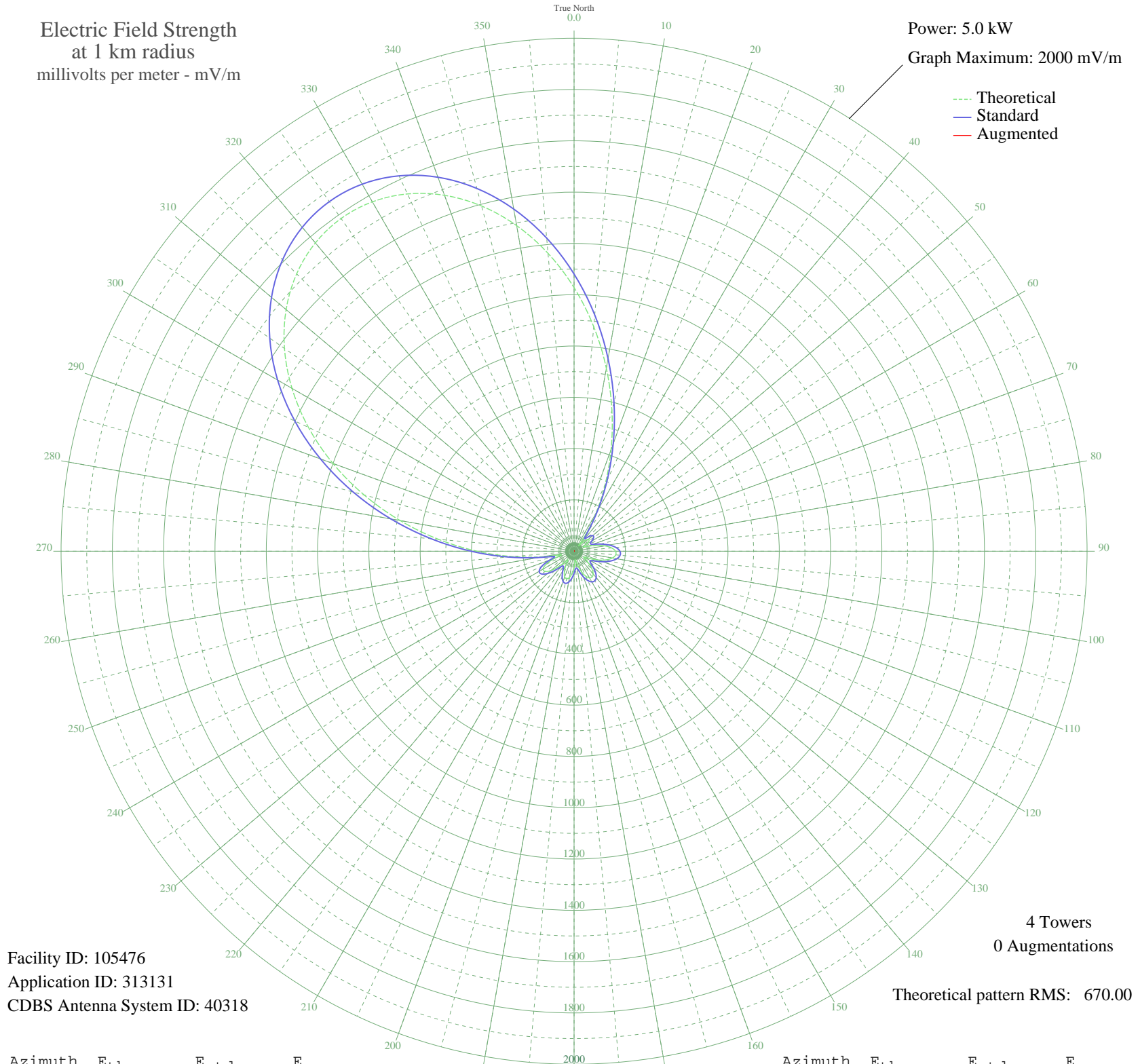


# CKAR OSHAWA, ON Canada -- 1350 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 105476  
Application ID: 313131  
CDBS Antenna System ID: 40318

Theoretical pattern RMS: 670.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1027.82	1080.69	
5	878.92	924.61	
10	724.37	762.69	
15	569.89	601.06	
20	421.62	446.30	
25	285.65	305.23	
30	167.77	185.04	
35	73.86	96.03	
40	26.18	62.95	
45	54.45	80.48	
50	72.75	95.09	
55	70.87	93.51	
60	54.29	80.36	
65	38.70	69.70	
70	53.28	79.61	
75	87.24	107.69	
80	121.03	139.13	
85	147.01	164.42	
90	161.50	178.78	
95	163.00	180.27	
100	151.76	169.12	
105	129.59	147.39	
110	99.72	119.04	
115	67.47	90.70	
120	44.74	73.58	
125	51.19	78.08	
130	75.49	97.42	
135	99.11	118.48	
140	115.69	134.03	
145	122.85	140.88	
150	119.82	137.98	
155	106.99	125.81	
160	85.84	106.45	
165	59.43	84.27	
170	35.71	67.92	
175	37.15	68.77	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	61.28	85.72	
185	86.10	106.68	
190	103.89	122.91	
195	111.19	129.77	
200	106.40	125.26	
205	89.74	109.94	
210	64.36	88.17	
215	42.05	71.81	
220	51.84	78.55	
225	84.82	105.54	
230	116.73	135.02	
235	137.14	154.74	
240	139.67	157.21	
245	120.36	138.48	
250	79.99	101.30	
255	52.07	78.72	
260	123.04	141.06	
265	239.99	258.27	
270	378.39	401.33	
275	530.17	559.55	
280	688.59	725.24	
285	847.30	891.47	
290	1000.41	1051.96	
295	1142.71	1201.18	
300	1269.85	1334.54	
305	1378.33	1448.35	
310	1465.52	1539.83	
315	1529.53	1607.00	
320	1569.12	1648.55	
325	1583.62	1663.77	
330	1572.81	1652.42	
335	1536.94	1614.78	
340	1476.73	1551.60	
345	1393.44	1464.21	
350	1288.96	1354.59	
355	1165.93	1225.54	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission