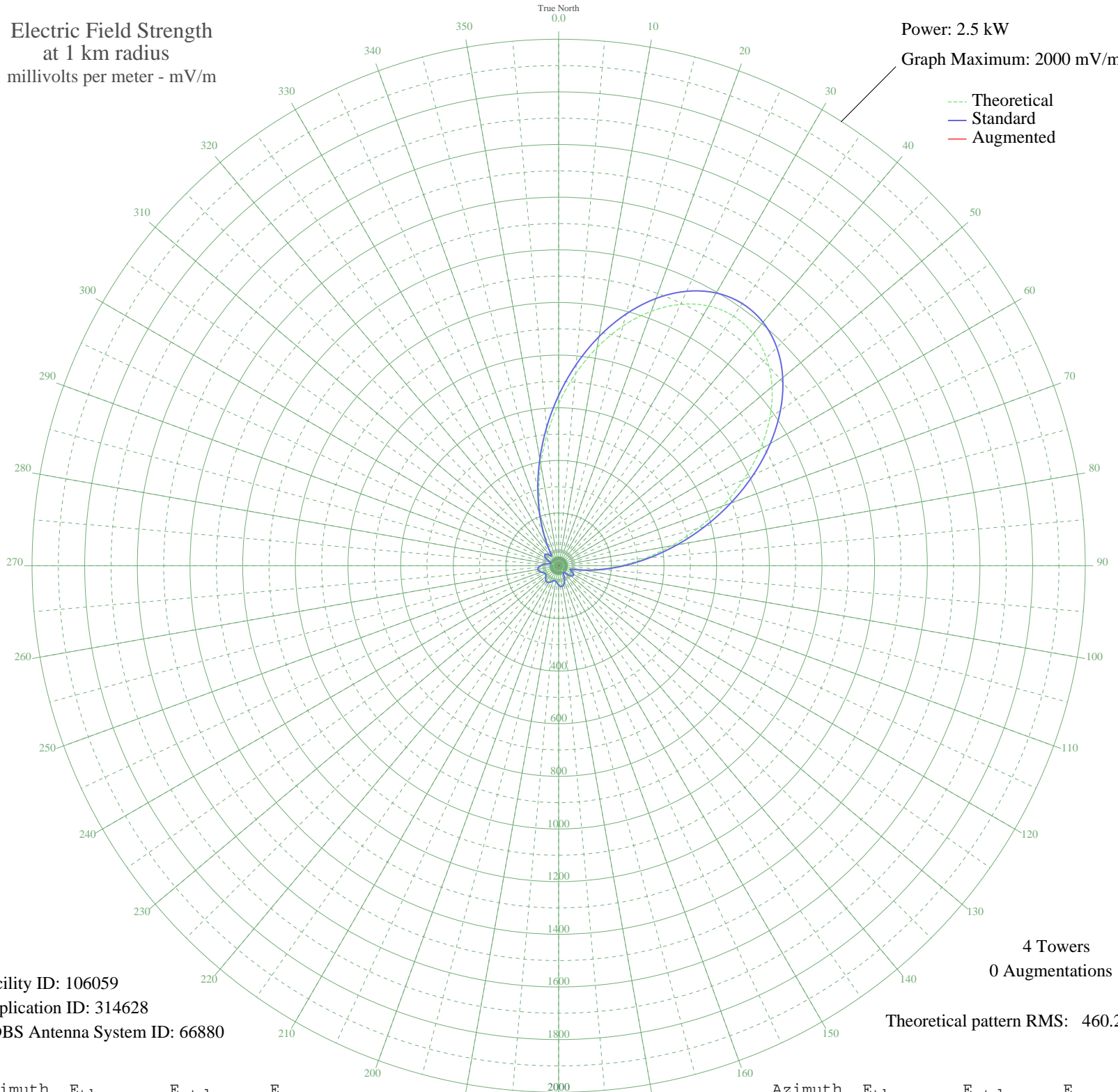


# CBEF WINDSOR, ON Canada -- 540 kHz

Daytime

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

Power: 2.5 kW  
Graph Maximum: 2000 mV/m



Facility ID: 106059  
Application ID: 314628  
CDBS Antenna System ID: 66880

4 Towers  
0 Augmentations

Theoretical pattern RMS: 460.27

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	615.94	646.97	
5	731.10	767.85	
10	841.71	883.97	
15	942.58	989.86	
20	1028.66	1080.23	
25	1095.44	1150.34	
30	1139.28	1196.37	
35	1157.75	1215.76	
40	1149.81	1207.43	
45	1115.91	1171.83	
50	1057.94	1110.97	
55	979.09	1028.19	
60	883.56	927.89	
65	776.22	815.22	
70	662.26	695.59	
75	546.81	574.42	
80	434.62	456.68	
85	329.81	346.74	
90	235.82	248.21	
95	155.40	164.09	
100	91.30	97.42	
105	49.10	54.39	
110	40.70	46.12	
115	52.31	57.59	
120	60.81	66.16	
125	61.29	66.65	
130	54.32	59.61	
135	41.99	47.37	
140	28.06	34.18	
145	21.73	28.66	
150	31.27	37.12	
155	46.34	51.65	
160	59.90	65.24	
165	69.46	74.96	
170	73.99	79.60	
175	73.39	78.99	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	68.53	74.02	
185	61.35	66.71	
190	54.96	60.26	
195	52.83	58.11	
200	56.10	61.41	
205	62.38	67.75	
210	68.13	73.61	
215	70.90	76.44	
220	69.68	75.19	
225	64.90	70.31	
230	58.44	63.76	
235	53.53	58.81	
240	53.41	58.70	
245	58.46	63.78	
250	65.76	71.19	
255	71.86	77.42	
260	74.32	79.94	
265	71.89	77.45	
270	64.28	69.69	
275	52.13	57.42	
280	37.21	42.74	
285	24.06	30.64	
290	23.80	30.42	
295	36.30	41.87	
300	49.88	55.17	
305	59.31	64.65	
310	61.99	67.36	
315	56.59	61.90	
320	44.82	50.15	
325	41.33	46.73	
330	71.21	76.75	
335	127.60	135.09	
340	201.85	212.65	
345	290.72	305.74	
350	391.56	411.51	
355	501.26	526.61	

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.

31 Aug 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission