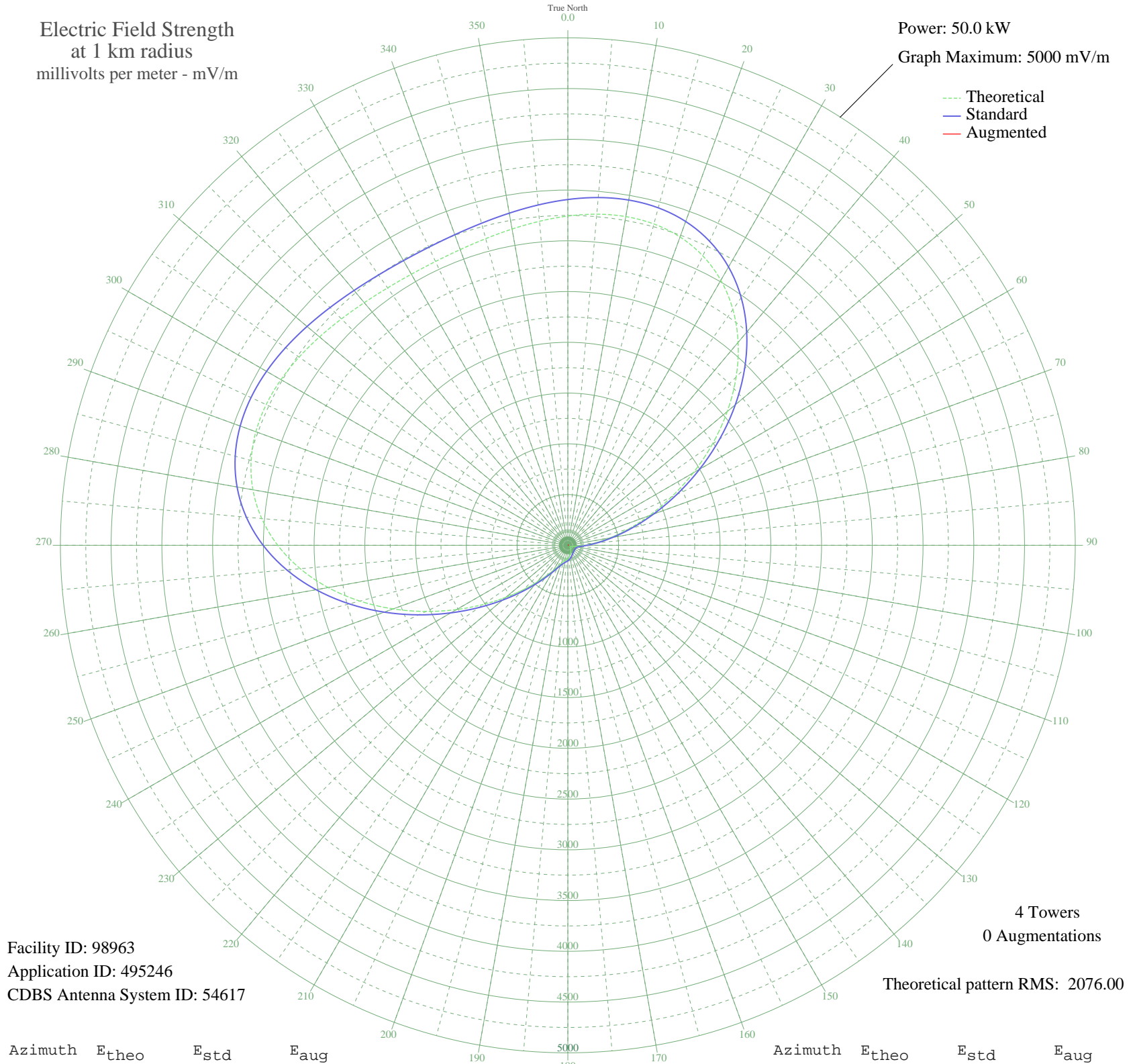


CBO OTTAWA, ON Canada -- 920 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 98963
Application ID: 495246
CDBS Antenna System ID: 54617

Theoretical pattern RMS: 2076.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	3243.97	3406.98	
5	3274.75	3439.29	
10	3288.84	3454.08	
15	3277.62	3442.30	
20	3232.73	3395.18	
25	3146.97	3305.16	
30	3015.31	3166.95	
35	2835.84	2978.55	
40	2610.48	2742.01	
45	2345.37	2463.76	
50	2050.54	2154.35	
55	1739.14	1827.61	
60	1426.04	1499.18	
65	1126.15	1184.79	
70	852.74	898.45	
75	615.97	651.02	
80	422.01	449.28	
85	272.82	295.93	
90	166.64	190.07	
95	98.79	127.56	
100	61.91	98.68	
105	44.84	87.92	
110	35.83	83.23	
115	29.45	80.43	
120	25.81	79.04	
125	25.96	79.09	
130	29.28	80.36	
135	34.50	82.61	
140	41.05	85.85	
145	48.89	90.26	
150	58.11	96.10	
155	68.72	103.53	
160	80.47	112.48	
165	92.87	122.56	
170	105.22	133.11	
175	116.79	143.36	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	127.25	152.85	
185	137.09	161.96	
190	148.21	172.43	
195	164.07	187.59	
200	189.15	212.04	
205	228.10	250.75	
210	285.36	308.69	
215	365.72	391.12	
220	474.61	503.84	
225	617.30	652.40	
230	797.29	840.44	
235	1014.77	1068.09	
240	1265.76	1331.12	
245	1542.04	1620.85	
250	1831.99	1925.03	
255	2121.90	2229.24	
260	2397.69	2518.67	
265	2646.59	2779.92	
270	2858.64	3002.49	
275	3027.54	3179.78	
280	3151.04	3309.43	
285	3230.72	3393.07	
290	3271.29	3435.65	
295	3279.67	3444.46	
300	3264.04	3428.04	
305	3232.82	3395.27	
310	3194.03	3354.56	
315	3154.72	3313.29	
320	3120.63	3277.50	
325	3096.08	3251.73	
330	3083.89	3238.94	
335	3085.43	3240.55	
340	3100.56	3256.44	
345	3127.74	3284.97	
350	3163.93	3322.96	
355	3204.64	3365.69	

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