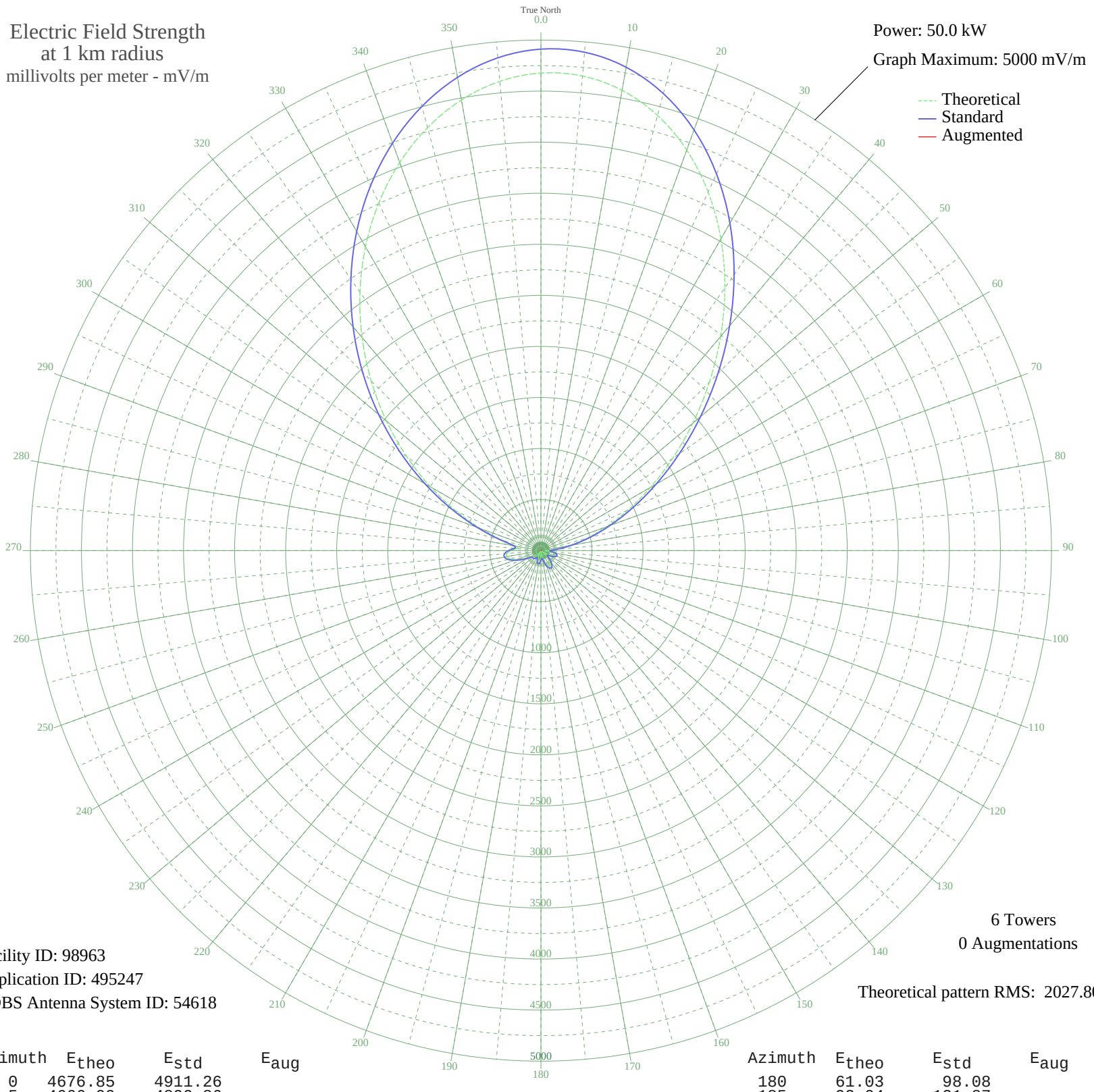
CBO OTTAWA, ON Canada -- 920 kHz

Nighttime

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

6 Towers
0 Augmentations

Facility ID: 98963
Application ID: 495247
CDBS Antenna System ID: 54618

Theoretical pattern RMS: 2027.80

Azimuth	E_{theo}	E_{std}	E_{aug}
0	4676.85	4911.26	
5	4666.00	4899.86	
10	4577.66	4807.12	
15	4412.48	4633.70	
20	4175.34	4384.73	
25	3875.32	4069.76	
30	3525.22	3702.22	
35	3140.48	3298.34	
40	2737.73	2875.57	
45	2333.24	2451.03	
50	1941.50	2039.92	
55	1574.11	1654.48	
60	1239.26	1303.34	
65	941.77	991.64	
70	683.56	721.57	
75	464.48	493.33	
80	283.37	306.67	
85	139.55	164.27	
90	44.26	87.59	
95	71.99	105.96	
100	118.21	144.63	
105	139.84	164.53	
110	136.70	161.60	
115	111.91	139.00	
120	70.18	104.61	
125	17.49	76.48	
130	39.28	84.93	
135	92.94	122.62	
140	136.69	161.59	
145	164.98	188.47	
150	174.15	197.35	
155	163.05	186.60	
160	133.27	158.41	
165	89.04	119.39	
170	36.77	83.69	
175	15.86	76.09	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	61.03	98.08	
185	92.04	121.87	
190	104.50	132.48	
195	97.23	126.24	
200	72.80	106.56	
205	38.07	84.32	
210	19.42	76.99	
215	46.87	89.08	
220	68.62	103.46	
225	74.01	107.48	
230	67.28	102.48	
235	74.44	107.81	
240	119.49	145.78	
245	186.19	209.12	
250	254.69	277.54	
255	309.79	333.65	
260	339.03	363.65	
265	333.82	358.28	
270	293.23	316.71	
275	237.65	260.35	
280	245.55	268.30	
285	388.74	414.88	
290	625.73	661.19	
295	918.36	967.13	
300	1248.41	1312.93	
305	1603.70	1685.52	
310	1974.10	2074.14	
315	2350.61	2469.26	
320	2724.96	2862.17	
325	3089.31	3244.63	
330	3435.98	3608.54	
335	3757.04	3945.59	
340	4044.18	4247.04	
345	4288.61	4503.65	
350	4481.25	4705.90	
355	4613.29	4844.52	

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.

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Prepared by Audio Division, Media Bureau
Federal Communications Commission