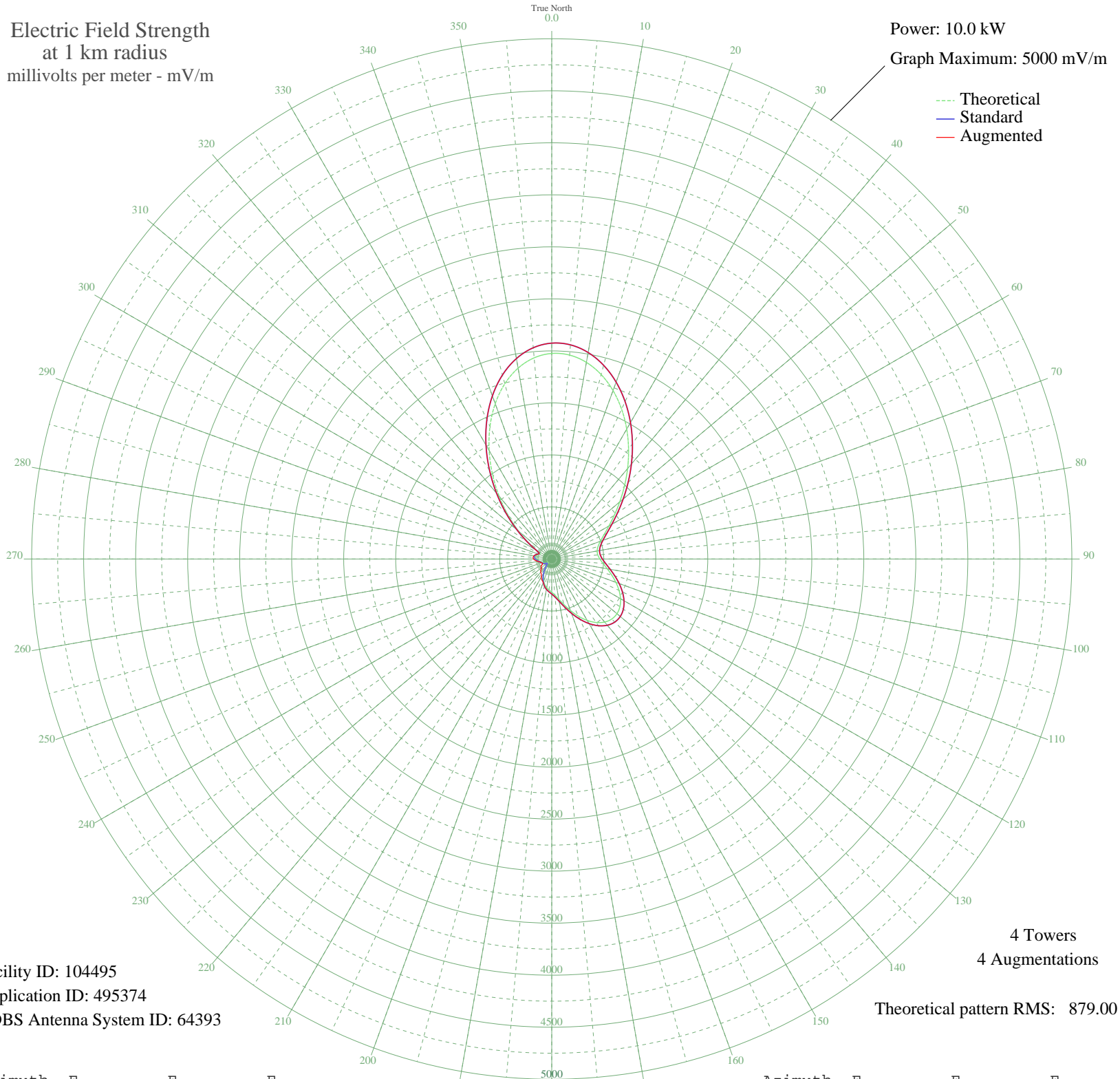


CJBK LONDON, ON Canada -- 1290 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 104495
Application ID: 495374
CDBS Antenna System ID: 64393

4 Towers
4 Augmentations
Theoretical pattern RMS: 879.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1975.69	2074.74	2074.74
5	1967.42	2066.06	2066.06
10	1918.97	2015.19	2015.19
15	1835.30	1927.35	1927.35
20	1722.88	1809.32	1809.32
25	1589.05	1668.83	1668.83
30	1441.46	1513.90	1513.90
35	1287.58	1352.37	1352.37
40	1134.30	1191.48	1191.48
45	987.72	1037.64	1037.64
50	852.98	896.24	896.24
55	734.18	771.60	771.60
60	634.32	666.86	666.86
65	555.20	583.91	583.91
70	497.42	523.35	523.35
75	460.50	484.66	484.66
80	443.25	466.60	466.60
85	444.35	467.75	467.75
90	462.44	486.70	486.70
95	495.84	521.69	521.69
100	541.96	570.03	570.03
105	597.02	627.75	627.75
110	656.09	689.69	689.69
115	713.49	749.90	749.90
120	763.27	802.12	802.12
125	799.80	840.45	840.45
130	818.39	859.95	859.95
135	815.85	857.29	857.29
140	791.01	831.22	831.22
145	745.03	782.99	782.99
150	681.56	716.41	716.41
155	606.53	637.72	637.72
160	527.70	555.07	555.07
165	453.71	477.55	477.55
170	392.39	413.34	413.34
175	348.07	366.98	366.98

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	319.24	336.84	336.84
185	299.15	315.85	315.85
190	279.79	295.65	295.65
195	255.47	270.29	270.29
200	223.90	237.42	239.70
205	185.70	197.79	222.06
210	143.53	154.32	200.00
215	101.39	111.51	176.04
220	65.05	75.95	163.88
225	44.99	57.74	146.68
230	49.59	61.75	130.00
235	64.41	75.34	124.46
240	77.62	88.00	104.96
245	87.35	97.54	97.54
250	95.54	105.67	105.67
255	105.17	115.31	115.31
260	118.05	128.33	133.39
265	133.44	143.99	157.19
270	148.23	159.14	175.00
275	158.15	169.34	180.70
280	159.00	170.22	174.06
285	148.22	159.13	159.13
290	129.03	139.49	139.49
295	122.60	132.95	132.95
300	168.41	179.92	179.92
305	271.60	287.10	287.10
310	415.68	437.73	437.73
315	589.77	620.15	620.15
320	785.30	825.24	825.24
325	993.21	1043.40	1043.40
330	1203.43	1264.04	1264.04
335	1405.35	1475.99	1475.99
340	1588.51	1668.27	1668.27
345	1743.49	1830.96	1830.96
350	1862.68	1956.09	1956.09
355	1940.89	2038.20	2038.20