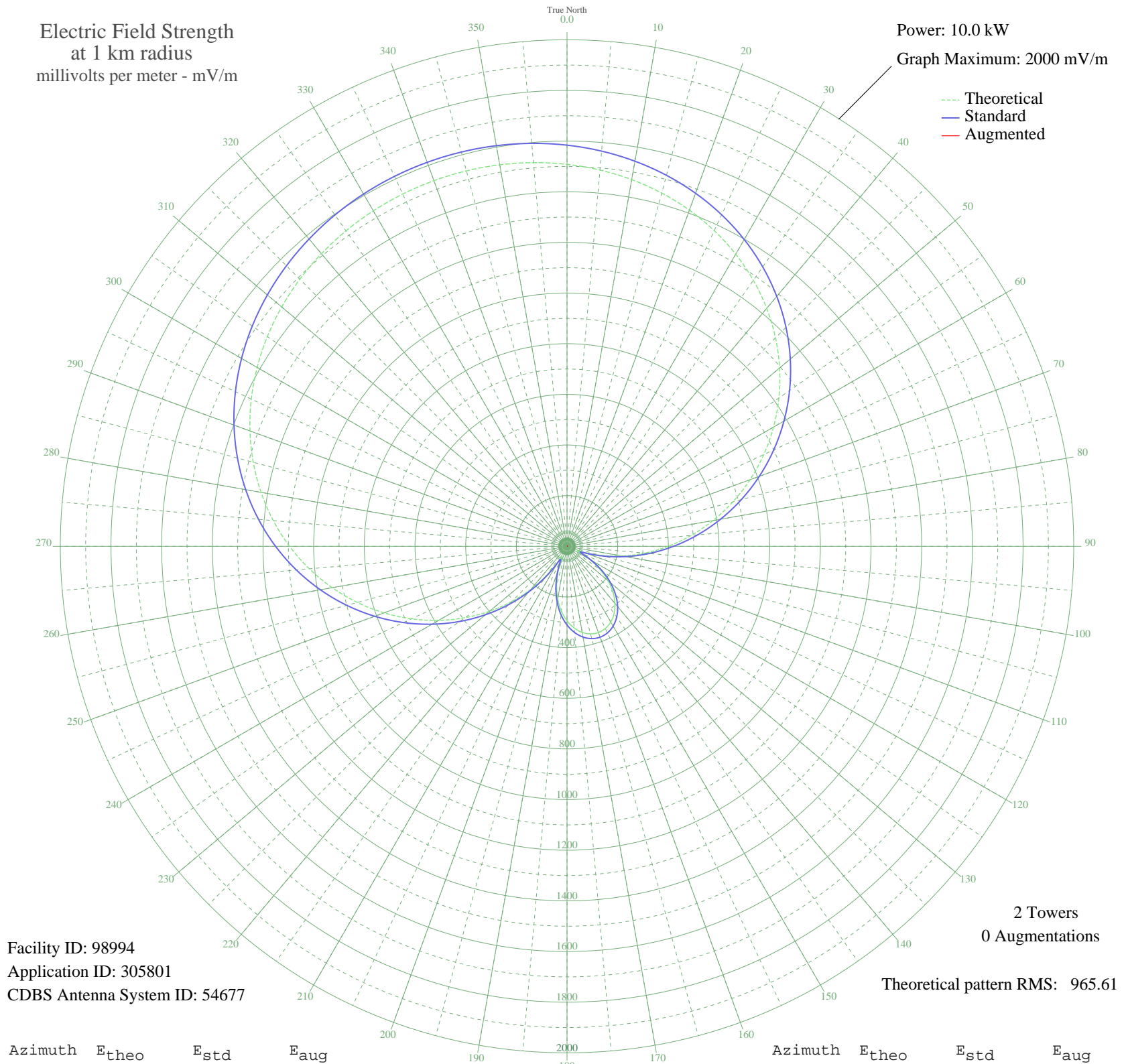


# CJYR EDSON, AB Canada -- 970 kHz

Unlimited Time

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 98994  
Application ID: 305801  
CDBS Antenna System ID: 54677

Theoretical pattern RMS: 965.61

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1508.05	1583.81	
5	1491.34	1566.25	
10	1470.09	1543.95	
15	1443.90	1516.46	
20	1412.36	1483.35	
25	1375.10	1444.24	
30	1331.78	1398.77	
35	1282.18	1346.70	
40	1226.17	1287.91	
45	1163.79	1222.43	
50	1095.22	1150.46	
55	1020.82	1072.37	
60	941.10	988.71	
65	856.77	900.22	
70	768.66	807.77	
75	677.75	712.41	
80	585.11	615.26	
85	491.89	517.55	
90	399.29	420.57	
95	308.57	325.70	
100	221.10	234.52	
105	138.77	149.44	
110	67.15	77.93	
115	48.32	60.64	
120	100.58	110.70	
125	158.39	169.60	
130	210.97	223.99	
135	256.48	271.34	
140	294.23	310.72	
145	323.86	341.67	
150	345.16	363.93	
155	357.98	377.34	
160	362.26	381.82	
165	357.98	377.34	
170	345.16	363.93	
175	323.86	341.67	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	294.23	310.72	
185	256.48	271.34	
190	210.97	223.99	
195	158.39	169.60	
200	100.58	110.70	
205	48.32	60.64	
210	67.14	77.93	
215	138.77	149.44	
220	221.10	234.51	
225	308.57	325.70	
230	399.29	420.57	
235	491.89	517.55	
240	585.11	615.26	
245	677.75	712.41	
250	768.66	807.77	
255	856.77	900.22	
260	941.10	988.71	
265	1020.82	1072.37	
270	1095.22	1150.46	
275	1163.79	1222.43	
280	1226.17	1287.91	
285	1282.18	1346.70	
290	1331.78	1398.76	
295	1375.10	1444.24	
300	1412.36	1483.35	
305	1443.90	1516.46	
310	1470.09	1543.95	
315	1491.34	1566.25	
320	1508.05	1583.81	
325	1520.62	1596.99	
330	1529.35	1606.16	
335	1534.48	1611.55	
340	1536.18	1613.33	
345	1534.48	1611.55	
350	1529.35	1606.16	
355	1520.62	1596.99	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission