

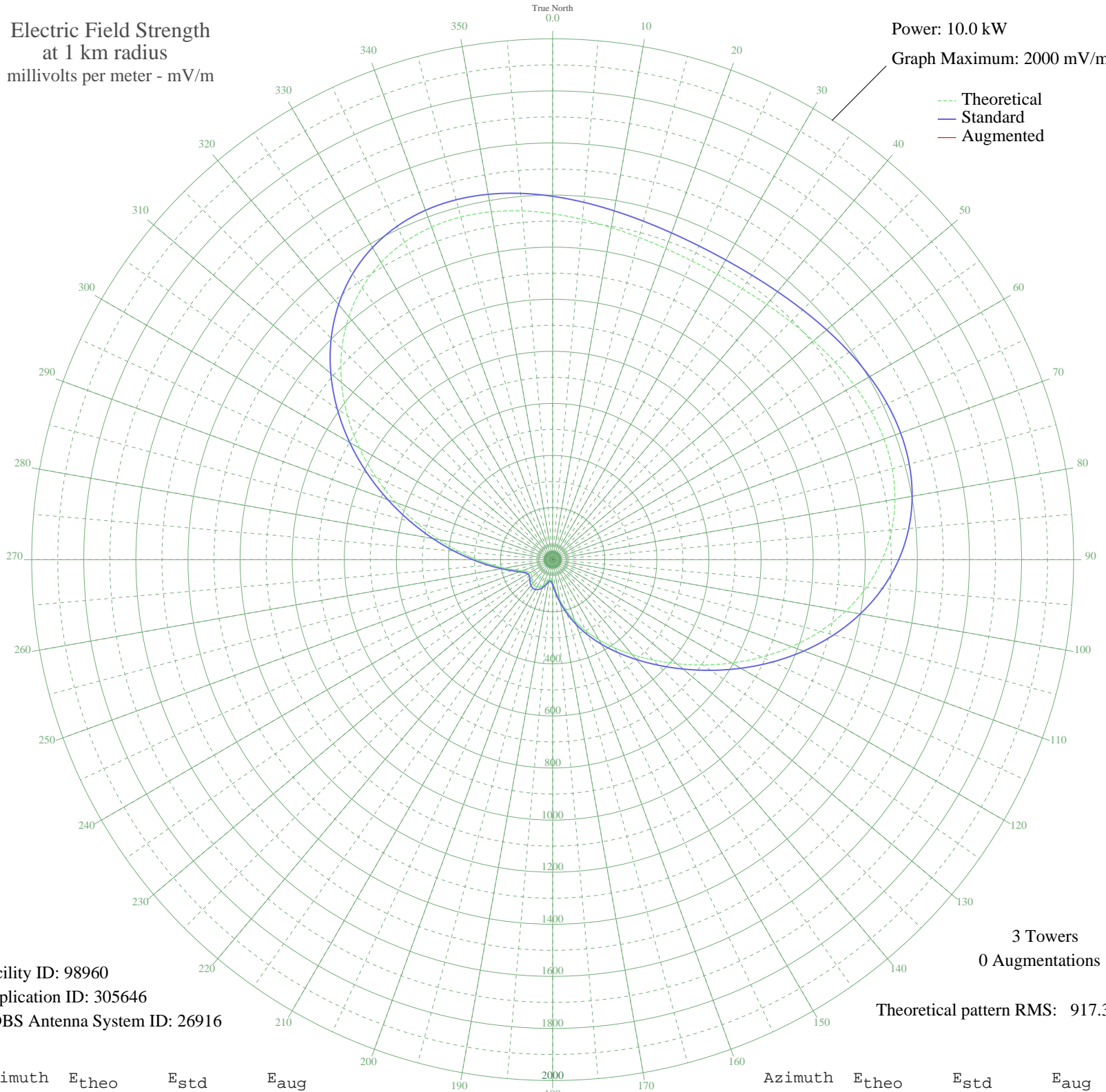
CFRY PORTAGE LA PRAIRIE, MB Canada -- 920 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 98960
Application ID: 305646
CDBS Antenna System ID: 26916

3 Towers
0 Augmentations

Theoretical pattern RMS: 917.33

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1328.47	1395.28	
5	1311.39	1377.36	
10	1295.07	1360.22	
15	1281.20	1345.67	
20	1271.07	1335.04	
25	1265.56	1329.25	
30	1265.09	1328.76	
35	1269.69	1333.58	
40	1278.90	1343.26	
45	1291.86	1356.86	
50	1307.25	1373.01	
55	1323.34	1389.90	
60	1338.03	1405.32	
65	1348.95	1416.78	
70	1353.58	1421.65	
75	1349.45	1417.31	
80	1334.33	1401.44	
85	1306.52	1372.25	
90	1265.03	1328.69	
95	1209.79	1270.72	
100	1141.79	1199.34	
105	1063.03	1116.67	
110	976.39	1025.75	
115	885.39	930.25	
120	793.71	834.06	
125	704.82	740.80	
130	621.37	653.29	
135	544.95	573.16	
140	475.85	500.75	
145	413.29	435.22	
150	355.84	375.11	
155	302.05	318.88	
160	250.89	265.52	
165	202.16	214.85	
170	156.63	167.78	
175	116.44	126.69	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	85.89	96.10	
185	71.76	82.34	
190	76.11	86.54	
195	90.06	100.22	
200	104.70	114.84	
205	115.83	126.07	
210	121.93	132.26	
215	122.79	133.13	
220	119.07	129.36	
225	112.20	122.40	
230	104.46	114.60	
235	98.99	109.12	
240	99.31	109.44	
245	107.94	118.10	
250	125.54	135.93	
255	151.87	162.88	
260	187.28	199.43	
265	233.00	246.89	
270	290.51	306.84	
275	360.76	380.25	
280	443.62	466.99	
285	537.67	565.53	
290	640.25	673.09	
295	747.80	785.90	
300	856.16	899.58	
305	961.02	1009.62	
310	1058.32	1111.73	
315	1144.62	1202.31	
320	1217.40	1278.70	
325	1275.17	1339.34	
330	1317.53	1383.80	
335	1345.09	1412.73	
340	1359.30	1427.65	
345	1362.24	1430.74	
350	1356.35	1424.56	
355	1344.24	1411.85	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
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