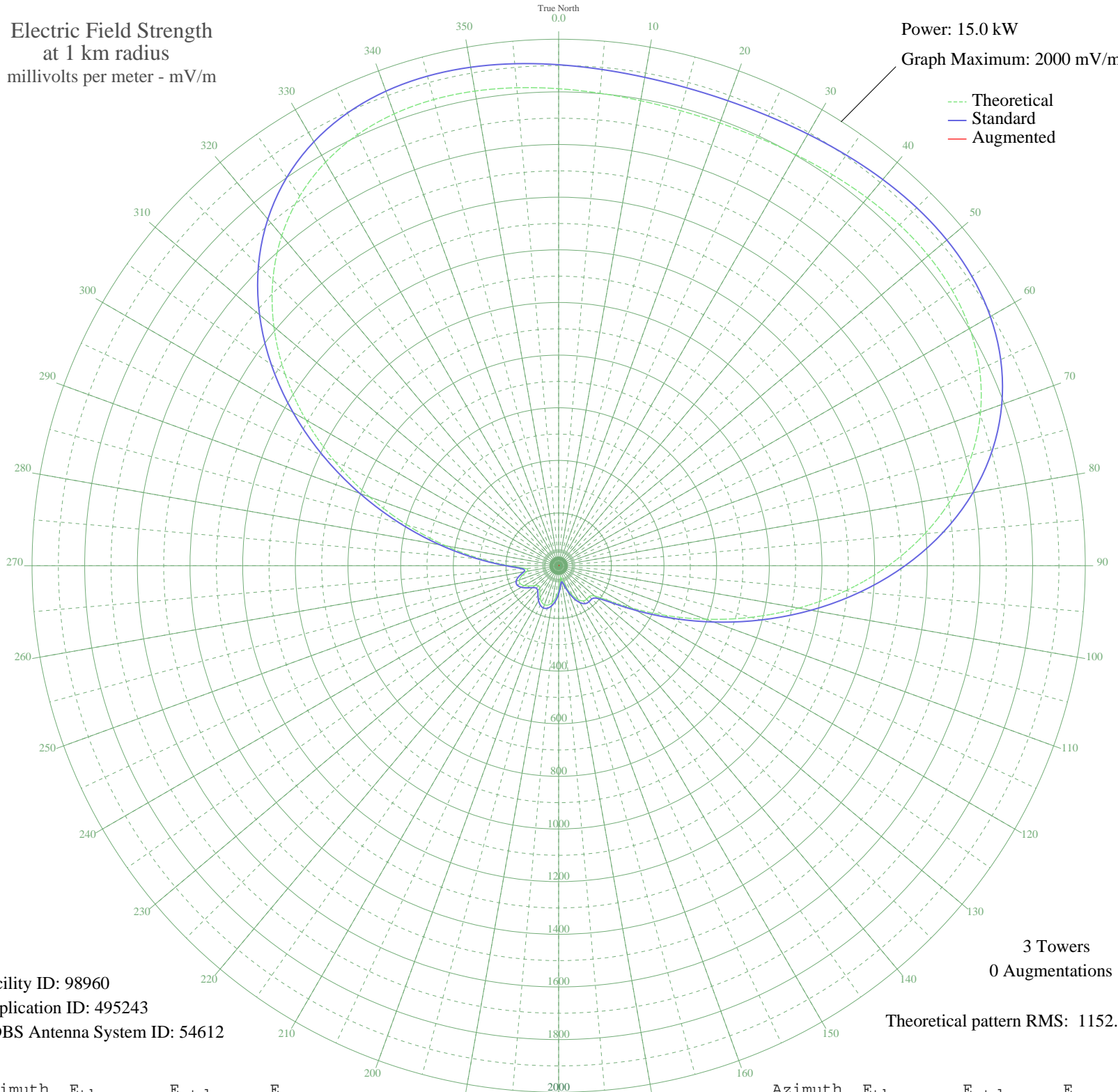


# CFRY PORTAGE LA PRAIRIE, MB Canada -- 920 kHz

Nighttime

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

Power: 15.0 kW  
Graph Maximum: 2000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 98960  
Application ID: 495243  
CDBS Antenna System ID: 54612

3 Towers  
0 Augmentations

Theoretical pattern RMS: 1152.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1812.03	1903.07	
5	1801.69	1892.21	
10	1793.71	1883.84	
15	1789.51	1879.43	
20	1789.77	1879.69	
25	1794.43	1884.59	
30	1802.74	1893.31	
35	1813.18	1904.28	
40	1823.60	1915.22	
45	1831.20	1923.19	
50	1832.68	1924.74	
55	1824.39	1916.04	
60	1802.62	1893.19	
65	1763.84	1852.48	
70	1705.13	1790.85	
75	1624.49	1706.20	
80	1521.26	1597.84	
85	1396.33	1466.71	
90	1252.36	1315.60	
95	1093.69	1149.10	
100	926.24	973.40	
105	757.06	795.95	
110	594.04	625.06	
115	445.55	469.60	
120	320.55	339.03	
125	228.91	243.77	
130	178.89	192.19	
135	165.16	178.12	
140	165.86	178.83	
145	162.78	175.69	
150	148.98	161.63	
155	124.30	136.70	
160	92.09	104.90	
165	59.35	74.41	
170	44.27	61.76	
175	63.22	77.85	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	93.68	106.44	
185	121.54	133.94	
190	142.44	154.99	
195	154.66	167.41	
200	157.74	170.54	
205	152.26	164.96	
210	140.02	152.55	
215	124.49	136.90	
220	111.39	123.82	
225	107.75	120.23	
230	116.78	129.19	
235	133.89	146.35	
240	151.01	163.69	
245	161.01	173.88	
250	158.98	171.81	
255	143.52	156.09	
260	122.14	134.54	
265	125.08	137.48	
270	186.30	199.80	
275	295.43	312.85	
280	434.82	458.37	
285	593.94	624.96	
290	764.46	803.71	
295	938.53	986.30	
300	1108.69	1164.84	
305	1268.25	1332.28	
310	1411.70	1482.84	
315	1535.06	1612.33	
320	1636.08	1718.36	
325	1714.18	1800.35	
330	1770.36	1859.32	
335	1806.80	1897.58	
340	1826.61	1918.37	
345	1833.38	1925.48	
350	1830.86	1922.83	
355	1822.66	1914.23	

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