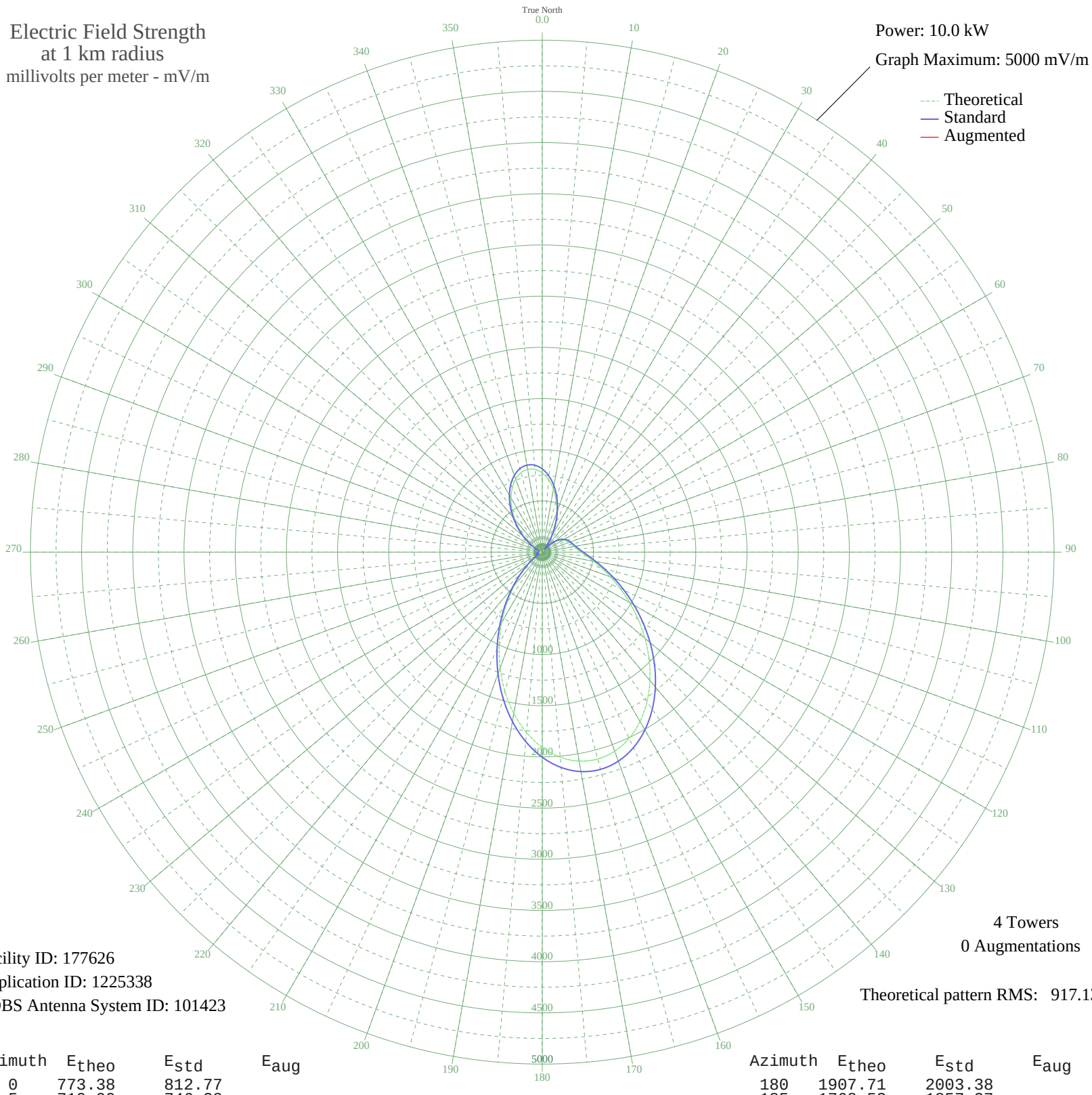
NEW900 SHERBROOKE, QC Canada -- 900 kHz

Nighttime

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



Power: 10.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

Facility ID: 177626
Application ID: 1225338
CDBS Antenna System ID: 101423

4 Towers
0 Augmentations

Theoretical pattern RMS: 917.13

Azimuth	E_{theo}	E_{std}	E_{aug}
0	773.38	812.77	
5	710.00	746.28	
10	624.72	656.84	
15	522.86	550.06	
20	410.71	432.59	
25	294.88	311.50	
30	181.73	193.84	
35	76.73	87.48	
40	16.09	38.04	
45	93.70	104.13	
50	155.49	166.79	
55	202.04	214.86	
60	235.43	249.54	
65	258.91	273.98	
70	276.53	292.35	
75	292.82	309.35	
80	312.44	329.83	
85	339.89	358.51	
90	379.23	399.64	
95	433.84	456.80	
100	506.25	532.65	
105	597.93	628.75	
110	709.18	745.42	
115	838.97	881.58	
120	984.93	1034.73	
125	1143.27	1200.92	
130	1308.93	1374.80	
135	1475.69	1549.85	
140	1636.43	1718.59	
145	1783.52	1873.01	
150	1909.29	2005.04	
155	2006.49	2107.09	
160	2068.90	2172.61	
165	2091.81	2196.66	
170	2072.48	2176.37	
175	2010.46	2111.25	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1907.71	2003.38	
185	1768.53	1857.27	
190	1599.30	1679.62	
195	1408.01	1478.80	
200	1203.61	1264.25	
205	995.41	1045.74	
210	792.33	832.64	
215	602.30	633.34	
220	431.80	454.67	
225	285.50	301.71	
230	166.16	177.76	
235	74.62	85.45	
240	10.31	35.76	
245	30.34	46.65	
250	49.37	62.04	
255	51.74	64.14	
260	42.27	55.96	
265	26.01	43.68	
270	8.25	35.17	
275	8.01	35.11	
280	15.64	37.83	
285	12.63	36.57	
290	5.15	34.51	
295	37.23	51.86	
300	86.34	96.85	
305	151.52	162.71	
310	230.93	244.86	
315	321.40	339.19	
320	418.56	440.80	
325	517.01	543.92	
330	610.71	642.15	
335	693.41	728.88	
340	759.16	797.85	
345	802.88	843.72	
350	820.83	862.54	
355	810.99	852.23	

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.

15 Mar 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission