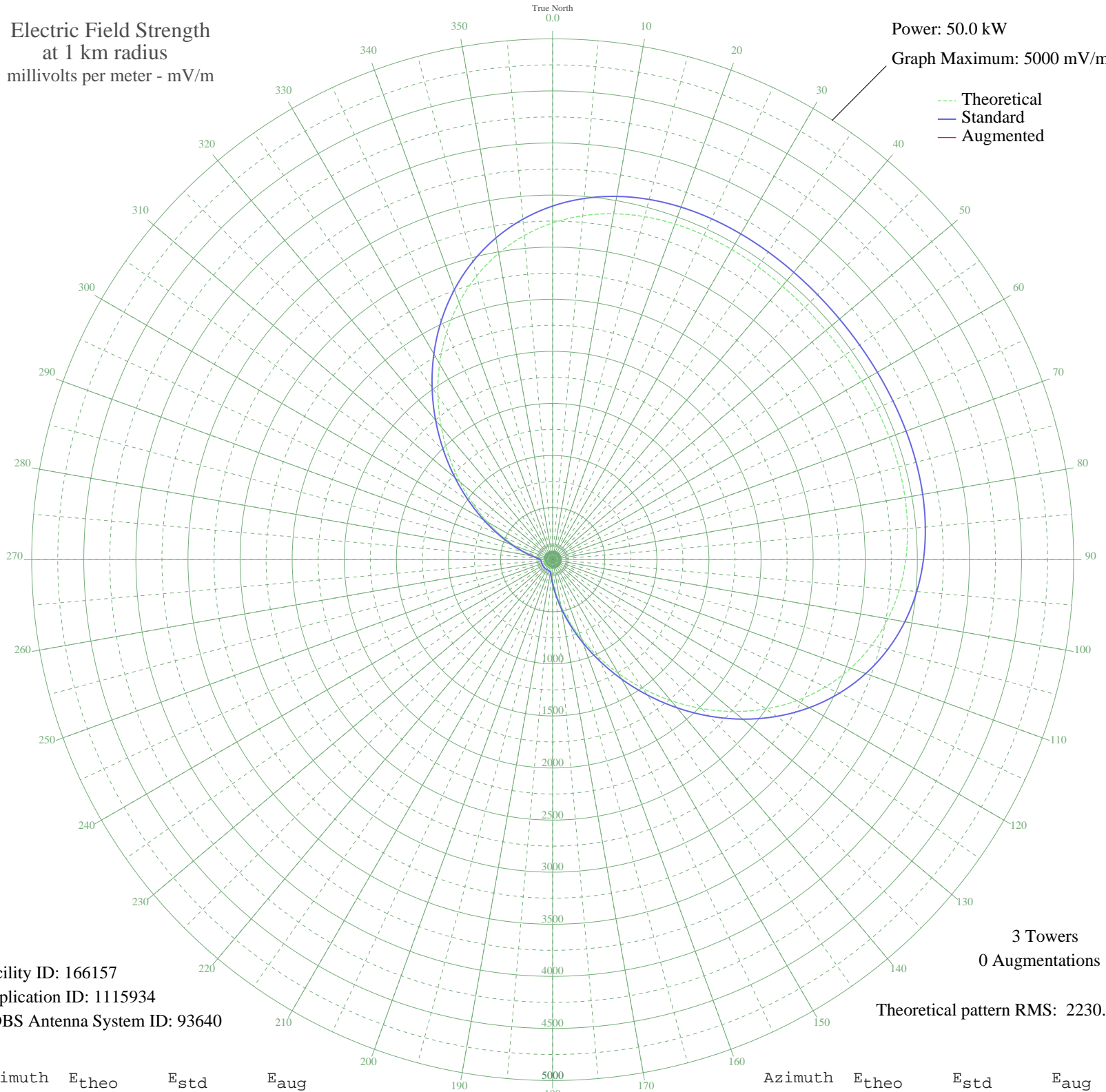


BERNIE QUEBEC, QC Canada -- 980 kHz

Nighttime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 166157
Application ID: 1115934
CDBS Antenna System ID: 93640

3 Towers
0 Augmentations
Theoretical pattern RMS: 2230.55

Azimuth	E _{theo}	E _{std}	E _{aug}
0	3232.29	3394.71	
5	3314.07	3480.57	
10	3371.66	3541.02	
15	3408.71	3579.91	
20	3429.34	3601.58	
25	3437.82	3610.47	
30	3438.20	3610.87	
35	3434.14	3606.62	
40	3428.70	3600.90	
45	3424.17	3596.15	
50	3422.06	3593.93	
55	3422.99	3594.90	
60	3426.68	3598.78	
65	3431.99	3604.35	
70	3436.92	3609.53	
75	3438.72	3611.42	
80	3433.96	3606.42	
85	3418.69	3590.40	
90	3388.72	3558.93	
95	3339.82	3507.60	
100	3268.11	3432.32	
105	3170.37	3329.72	
110	3044.45	3197.54	
115	2889.53	3034.92	
120	2706.41	2842.70	
125	2497.59	2623.53	
130	2267.29	2381.81	
135	2021.19	2123.54	
140	1766.12	1855.92	
145	1509.61	1586.82	
150	1259.27	1324.31	
155	1022.31	1075.99	
160	805.00	848.51	
165	612.32	647.21	
170	447.72	475.93	
175	313.17	337.10	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	209.48	232.14	
185	136.93	161.81	
190	95.32	124.62	
195	79.85	111.99	
200	77.83	110.41	
205	78.57	110.99	
210	78.63	111.03	
215	78.14	110.65	
220	77.81	110.40	
225	77.83	110.41	
230	77.92	110.49	
235	77.87	110.45	
240	77.78	110.38	
245	77.96	110.51	
250	78.45	110.89	
255	78.70	111.09	
260	78.12	110.64	
265	78.20	110.70	
270	86.58	117.38	
275	116.65	143.23	
280	176.71	199.85	
285	267.97	291.00	
290	390.22	416.41	
295	542.97	574.93	
300	724.75	764.60	
305	932.72	982.16	
310	1162.50	1222.88	
315	1408.31	1480.59	
320	1663.26	1748.00	
325	1919.83	2017.19	
330	2170.39	2280.11	
335	2407.77	2529.24	
340	2625.77	2758.06	
345	2819.57	2961.48	
350	2985.96	3136.14	
355	3123.47	3280.48	

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