

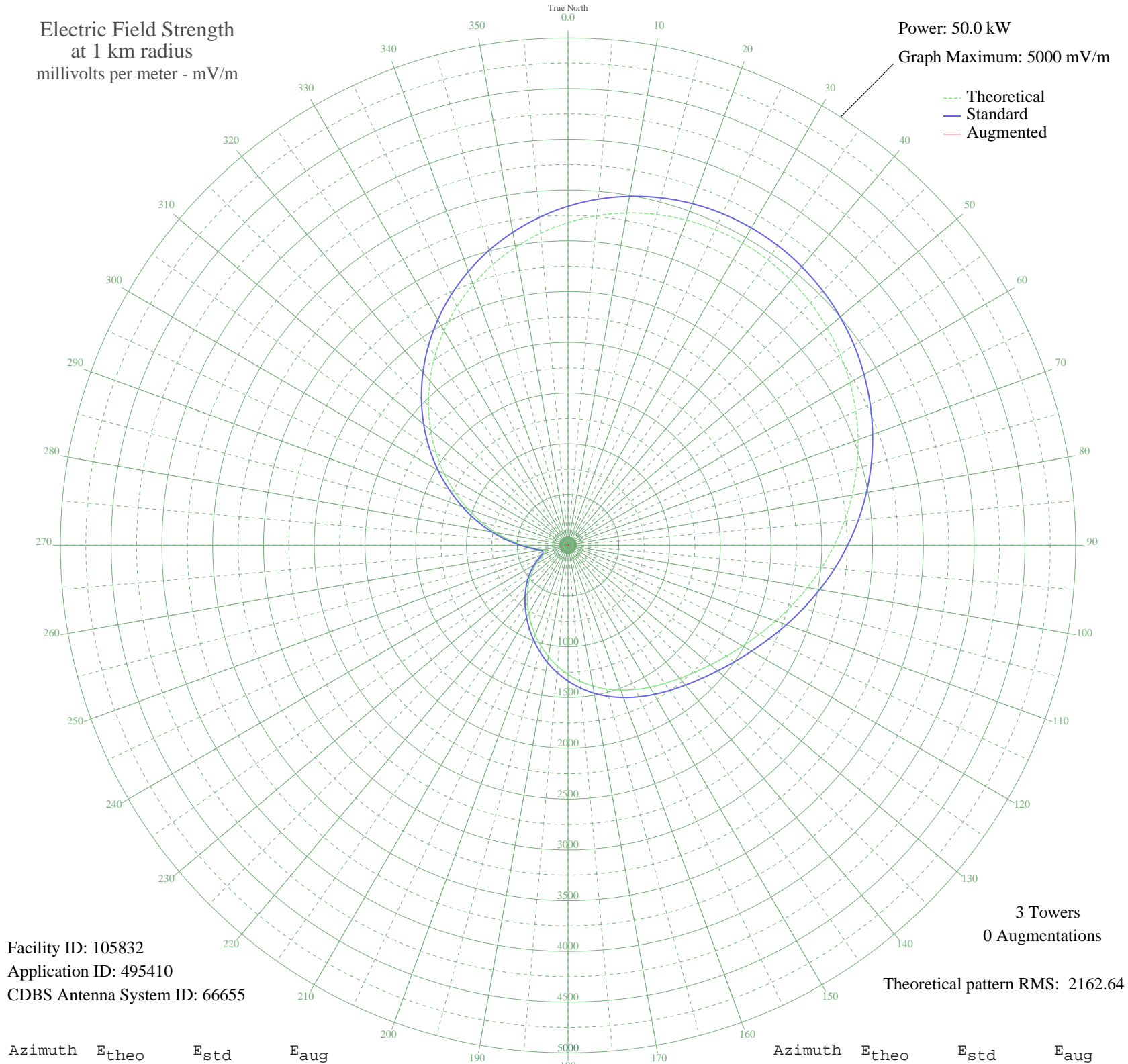
CHRD DRUMMONDVILLE, QC Canada -- 1480 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 105832
Application ID: 495410
CDBS Antenna System ID: 66655

3 Towers
0 Augmentations

Theoretical pattern RMS: 2162.64

Azimuth	E _{theo}	E _{std}	E _{aug}
0	3180.10	3339.93	
5	3259.02	3422.78	
10	3323.81	3490.80	
15	3374.22	3543.71	
20	3410.12	3581.39	
25	3431.53	3603.88	
30	3438.65	3611.34	
35	3431.77	3604.12	
40	3411.32	3582.66	
45	3377.84	3547.51	
50	3331.95	3499.33	
55	3274.35	3438.87	
60	3205.82	3366.93	
65	3127.24	3284.44	
70	3039.57	3192.41	
75	2943.88	3091.97	
80	2841.44	2984.43	
85	2733.64	2871.28	
90	2622.12	2754.23	
95	2508.72	2635.20	
100	2395.45	2516.32	
105	2284.48	2399.86	
110	2177.99	2288.09	
115	2078.00	2183.16	
120	1986.22	2086.85	
125	1903.76	2000.32	
130	1830.98	1923.96	
135	1767.37	1857.22	
140	1711.54	1798.65	
145	1661.38	1746.03	
150	1614.35	1696.69	
155	1567.75	1647.81	
160	1519.07	1596.75	
165	1466.23	1541.33	
170	1407.76	1480.01	
175	1342.90	1412.00	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1271.59	1337.24	
185	1194.48	1256.40	
190	1112.75	1170.74	
195	1028.05	1082.00	
200	942.27	992.16	
205	857.33	903.26	
210	774.98	817.11	
215	696.49	735.08	
220	622.49	657.81	
225	552.82	585.19	
230	486.65	516.35	
235	422.84	450.14	
240	360.75	386.00	
245	301.92	325.60	
250	253.28	276.11	
255	231.58	254.24	
260	257.19	280.07	
265	331.48	355.88	
270	440.42	468.36	
275	572.46	605.65	
280	720.90	760.58	
285	881.49	928.53	
290	1050.99	1106.04	
295	1226.66	1290.13	
300	1405.97	1478.14	
305	1586.63	1667.61	
310	1766.50	1856.31	
315	1943.65	2042.18	
320	2116.33	2223.38	
325	2282.98	2398.28	
330	2442.20	2565.38	
335	2592.75	2723.39	
340	2733.50	2871.13	
345	2863.45	3007.54	
350	2981.71	3131.67	
355	3087.48	3242.71	

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
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