

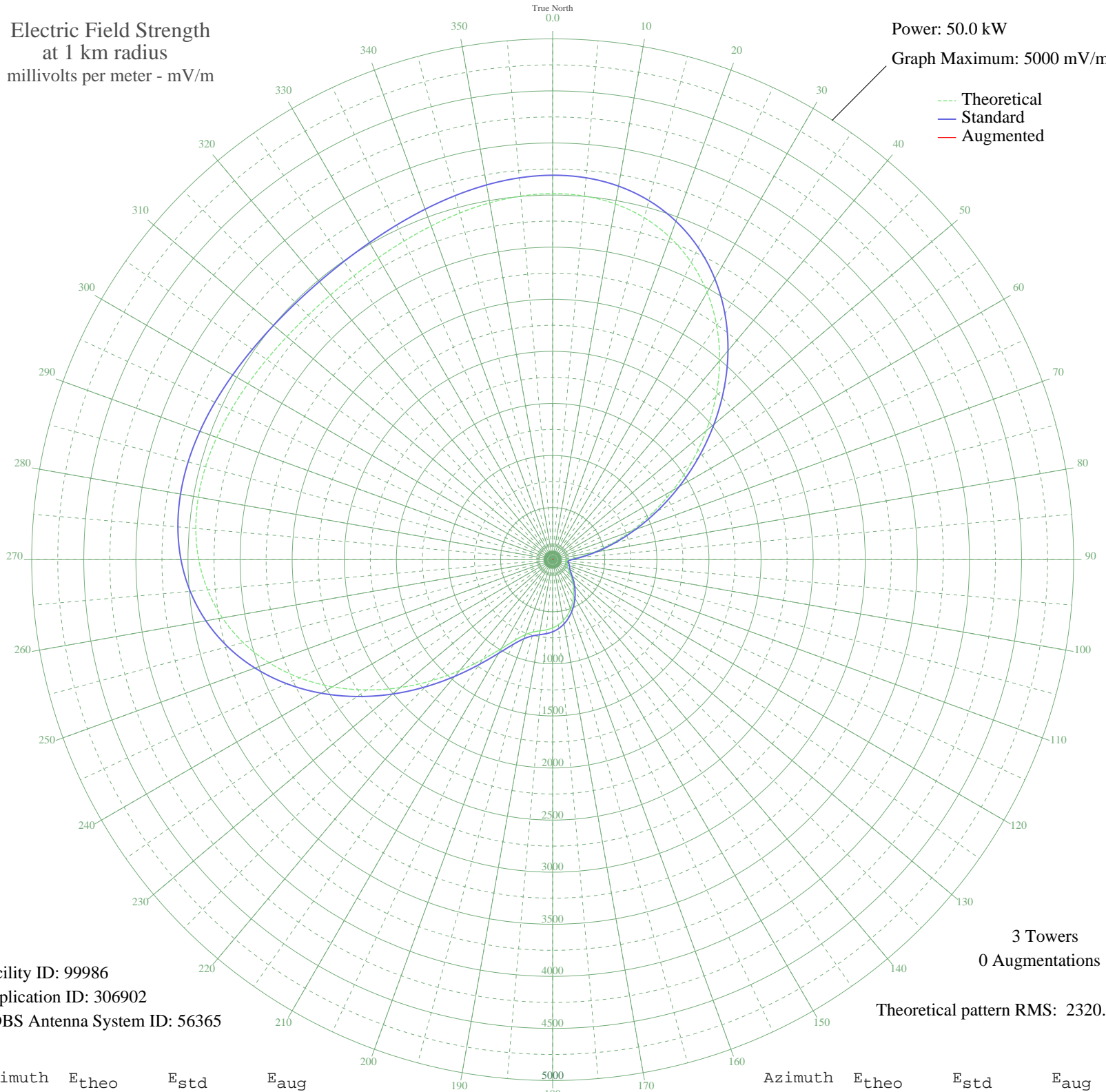
CKMX CALGARY, AB Canada -- 1060 kHz

Nighttime

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: 99986
Application ID: 306902
CDBS Antenna System ID: 56365

3 Towers
0 Augmentations

Theoretical pattern RMS: 2320.67

Azimuth	E _{theo}	E _{std}	E _{aug}
0	3513.98	3690.43	
5	3503.97	3679.92	
10	3467.08	3641.20	
15	3397.91	3568.57	
20	3292.28	3457.69	
25	3147.85	3306.07	
30	2964.43	3113.54	
35	2744.37	2882.54	
40	2492.47	2618.15	
45	2215.89	2327.87	
50	1923.62	2021.16	
55	1625.82	1708.72	
60	1333.06	1401.68	
65	1055.47	1110.73	
70	802.07	845.44	
75	580.24	613.76	
80	395.77	422.13	
85	253.64	276.48	
90	160.53	184.18	
95	123.15	149.11	
100	125.84	151.56	
105	137.91	162.73	
110	147.28	171.54	
115	155.54	179.40	
120	168.17	191.55	
125	189.38	212.26	
130	220.03	242.67	
135	258.53	281.43	
140	302.70	326.39	
145	350.66	375.61	
150	400.92	427.46	
155	452.04	480.42	
160	502.40	532.72	
165	550.00	582.25	
170	592.59	626.63	
175	628.11	663.68	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	655.44	692.21	
185	675.62	713.28	
190	693.42	731.86	
195	718.75	758.33	
200	766.46	808.20	
205	852.26	897.95	
210	986.08	1038.05	
215	1168.22	1228.88	
220	1391.06	1462.49	
225	1642.79	1726.53	
230	1910.24	2007.13	
235	2180.34	2290.56	
240	2441.05	2564.18	
245	2682.02	2817.10	
250	2895.12	3040.78	
255	3074.77	3229.36	
260	3218.08	3379.80	
265	3324.75	3491.78	
270	3396.77	3567.38	
275	3437.96	3610.62	
280	3453.42	3626.86	
285	3449.05	3622.26	
290	3430.94	3603.25	
295	3405.01	3576.03	
300	3376.66	3546.27	
305	3350.51	3518.82	
310	3330.27	3497.58	
315	3318.65	3485.37	
320	3317.26	3483.92	
325	3326.67	3493.79	
330	3346.32	3514.42	
335	3374.55	3544.05	
340	3408.62	3579.82	
345	3444.73	3617.72	
350	3478.12	3652.78	
355	3503.25	3679.16	

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

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Federal Communications Commission