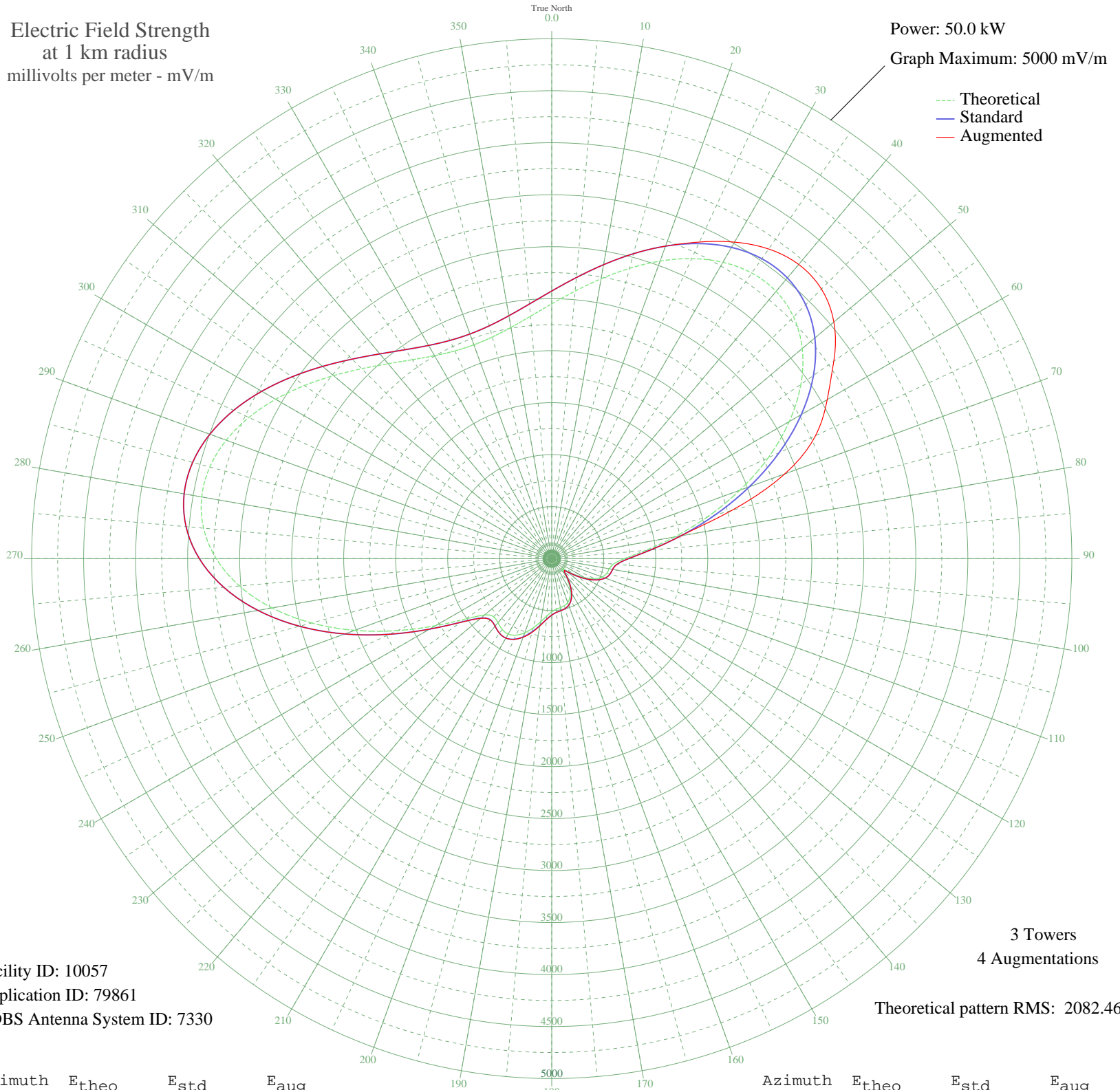


KMXA AURORA, CO BL-19850710AD 1090 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 10057
Application ID: 79861
CDBS Antenna System ID: 7330

3 Towers
4 Augmentations
Theoretical pattern RMS: 2082.46

Azimuth	Etheo	Estd	Eaug
0	2450.22	2573.80	2573.80
5	2583.30	2713.48	2713.48
10	2732.96	2870.57	2870.57
15	2890.53	3035.97	3035.97
20	3045.04	3198.15	3198.15
25	3183.39	3343.39	3359.70
30	3291.01	3456.36	3514.90
35	3352.94	3521.37	3635.43
40	3355.43	3523.99	3693.62
45	3287.73	3452.92	3666.85
50	3143.95	3301.98	3540.56
55	2924.52	3071.64	3310.31
60	2637.13	2769.98	3058.17
65	2296.77	2412.75	2798.10
70	1924.94	2022.55	2385.50
75	1548.29	1627.40	1792.49
80	1197.15	1259.20	1259.20
85	904.08	952.19	952.19
90	699.64	738.36	738.36
95	595.44	629.61	629.61
100	561.88	594.62	594.62
105	547.02	579.15	579.15
110	515.27	546.10	546.10
115	454.45	482.92	482.92
120	367.30	392.75	392.75
125	265.58	288.57	288.57
130	173.06	196.29	196.29
135	143.92	168.37	168.37
140	201.51	224.23	224.23
145	283.26	306.55	306.55
150	356.57	381.69	381.69
155	412.13	439.06	439.06
160	448.35	476.58	476.58
165	468.09	497.07	497.07
170	478.24	507.61	507.61
175	489.14	518.93	518.93

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	512.23	542.94	542.94
185	555.15	587.62	587.66
190	617.26	652.36	655.93
195	689.67	727.95	734.31
200	759.09	800.50	804.23
205	811.76	855.58	855.83
210	836.95	881.92	881.92
215	831.04	875.75	875.75
220	804.23	847.70	847.78
225	789.74	832.54	834.97
230	844.04	889.35	894.03
235	1012.13	1065.33	1068.65
240	1289.06	1355.55	1356.29
245	1637.38	1720.85	1720.85
250	2016.22	2118.33	2118.33
255	2390.07	2510.67	2510.67
260	2729.83	2867.28	2867.28
265	3013.23	3164.76	3164.76
270	3225.58	3387.67	3387.67
275	3359.97	3528.75	3528.75
280	3416.92	3588.53	3588.53
285	3403.22	3574.15	3574.15
290	3330.30	3497.61	3497.61
295	3212.42	3373.86	3373.86
300	3064.82	3218.92	3218.92
305	2902.28	3048.30	3048.30
310	2738.07	2875.94	2875.94
315	2583.36	2713.54	2713.54
320	2446.99	2570.41	2570.41
325	2335.57	2453.48	2453.48
330	2253.70	2367.55	2367.55
335	2204.22	2315.62	2315.62
340	2188.53	2299.15	2299.15
345	2206.77	2318.30	2318.30
350	2258.01	2372.07	2372.07
355	2340.23	2458.36	2458.36