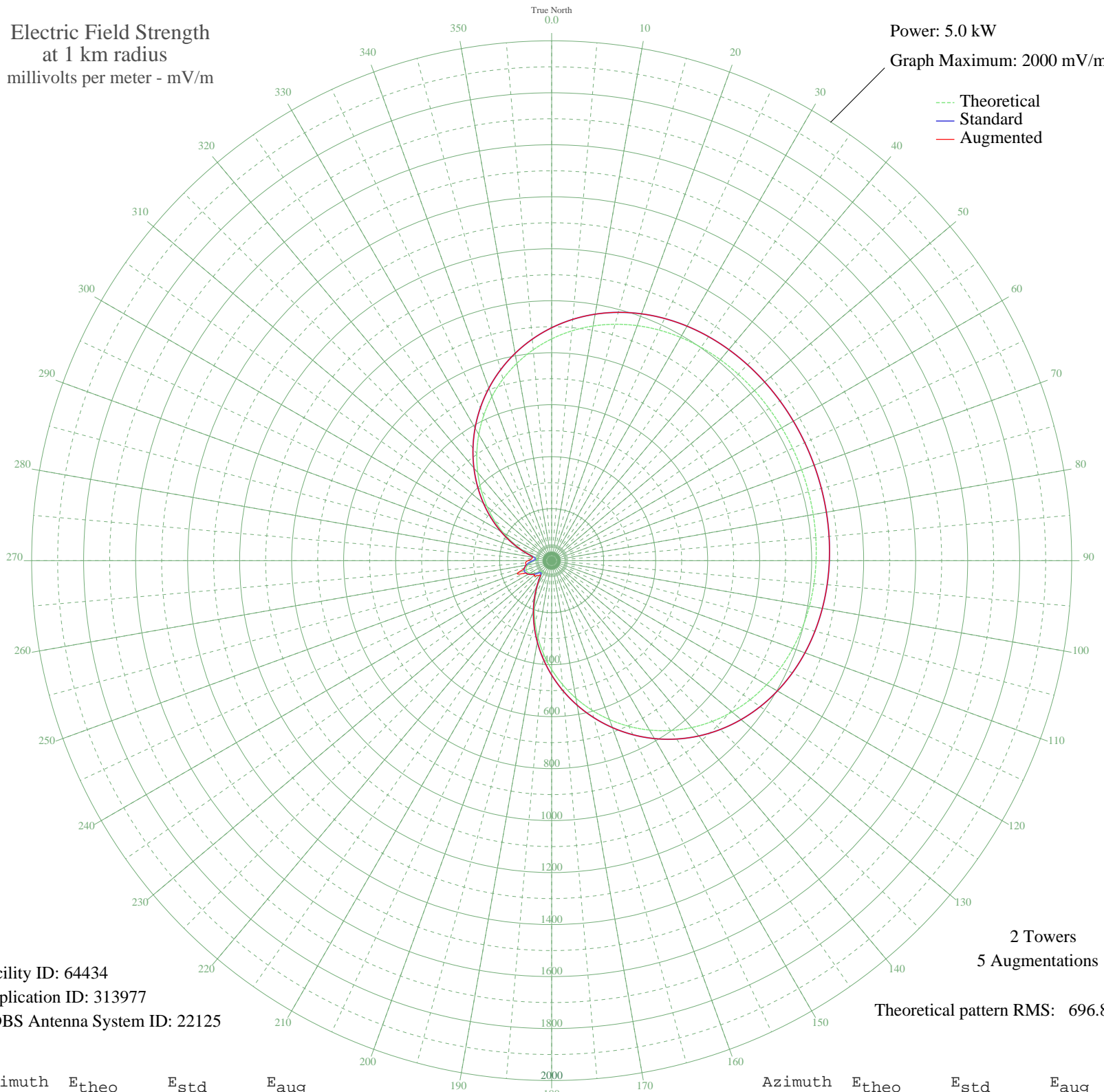


# WLAM LEWISTON, ME BL-- 1470 kHz

Unlimited Time

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 64434  
Application ID: 313977  
CDBS Antenna System ID: 22125

2 Towers  
5 Augmentations

Theoretical pattern RMS: 696.85

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	853.11	896.08	896.08
5	887.26	931.91	931.91
10	916.71	962.83	962.83
15	941.60	988.95	988.95
20	962.17	1010.55	1010.55
25	978.78	1027.99	1027.99
30	991.85	1041.71	1041.71
35	1001.85	1052.20	1052.20
40	1009.26	1059.98	1059.98
45	1014.57	1065.56	1065.56
50	1018.22	1069.39	1069.39
55	1020.62	1071.90	1071.90
60	1022.06	1073.42	1073.42
65	1022.80	1074.20	1074.20
70	1022.96	1074.37	1074.37
75	1022.58	1073.97	1073.97
80	1021.58	1072.92	1072.92
85	1019.79	1071.03	1071.03
90	1016.93	1068.04	1068.04
95	1012.67	1063.56	1063.56
100	1006.57	1057.16	1057.16
105	998.18	1048.36	1048.36
110	987.02	1036.63	1036.63
115	972.59	1021.49	1021.49
120	954.44	1002.43	1002.43
125	932.17	979.06	979.06
130	905.48	951.05	951.05
135	874.16	918.17	918.17
140	838.14	880.36	880.36
145	797.48	837.68	837.68
150	752.39	790.36	790.36
155	703.25	738.79	738.79
160	650.57	683.50	683.50
165	594.97	625.16	625.16
170	537.20	564.55	564.55
175	478.09	502.55	502.55

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	418.52	440.07	440.07
185	359.40	378.10	378.10
190	301.67	317.62	317.62
195	246.25	259.63	259.63
200	194.15	205.20	205.20
205	146.48	155.59	155.59
210	104.88	112.60	112.60
215	72.41	79.57	79.57
220	55.25	62.59	73.35
225	57.58	64.86	81.91
230	70.71	77.87	87.63
235	84.93	92.22	92.22
240	96.12	103.63	103.63
245	102.78	110.44	113.63
250	104.34	112.04	138.99
255	100.71	108.32	108.32
260	92.14	99.55	100.12
265	79.47	86.68	100.95
270	64.93	72.11	91.04
275	54.63	61.98	77.16
280	59.78	67.02	74.97
285	83.99	91.26	91.26
290	120.65	128.84	128.84
295	164.93	174.76	174.76
300	214.53	226.47	226.47
305	268.08	282.46	282.46
310	324.54	341.57	341.57
315	382.94	402.77	402.77
320	442.35	465.06	465.06
325	501.84	527.46	527.46
330	560.52	589.01	589.01
335	617.51	648.81	648.81
340	672.03	706.02	706.02
345	723.37	759.90	759.90
350	770.94	809.82	809.82
355	814.29	855.33	855.33

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission