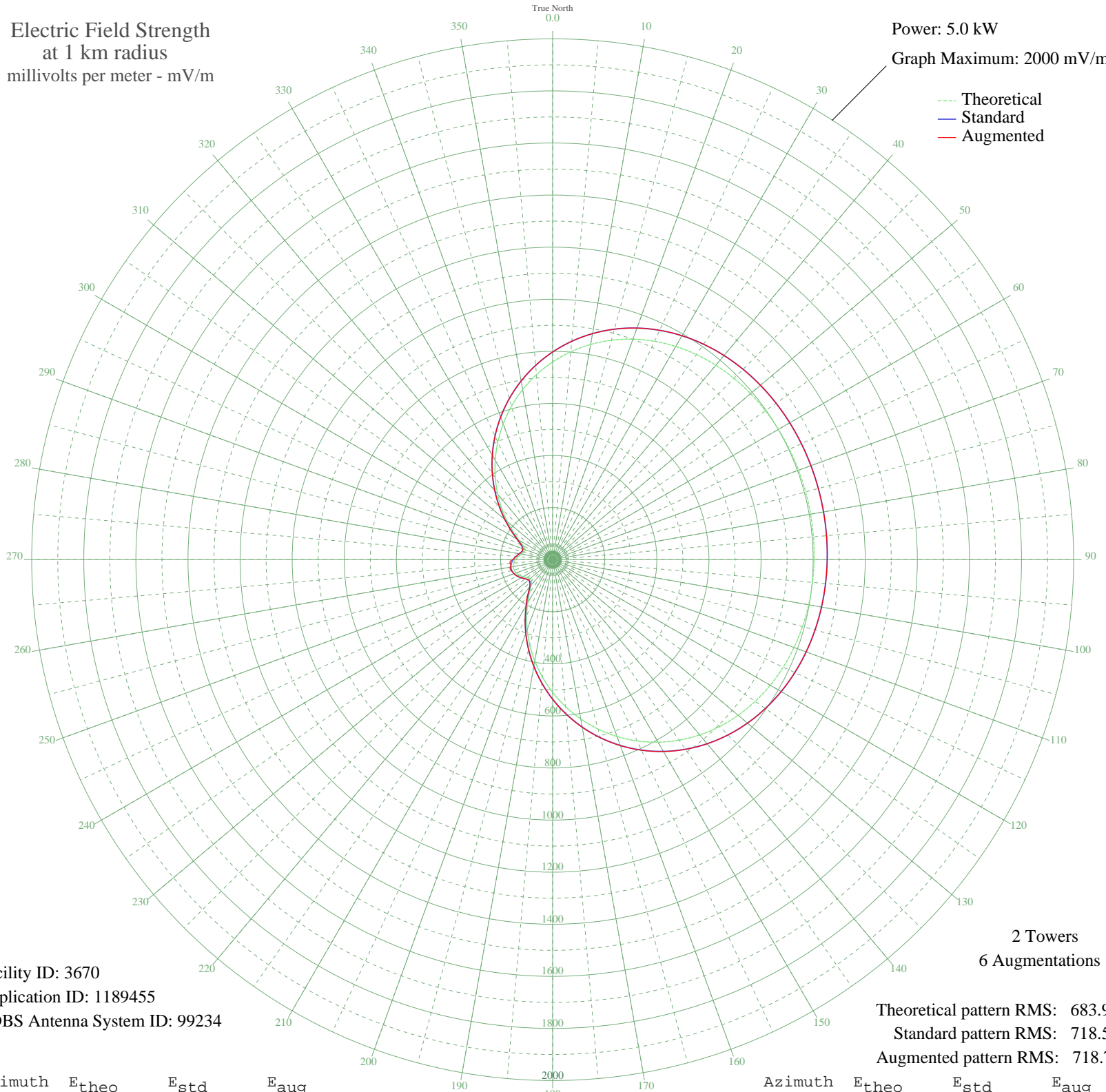


WAEI BANGOR, ME BL-20070518ADV 910 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 3670
Application ID: 1189455
CDBS Antenna System ID: 99234

Theoretical pattern RMS: 683.97
Standard pattern RMS: 718.55
Augmented pattern RMS: 718.76

Azimuth	E _{theo}	E _{std}	E _{aug}
0	759.17	797.47	797.47
5	801.33	841.72	841.72
10	839.10	881.37	881.37
15	872.33	916.25	916.25
20	901.01	946.35	946.35
25	925.28	971.83	971.83
30	945.38	992.92	992.92
35	961.64	1010.00	1010.00
40	974.49	1023.48	1023.48
45	984.36	1033.85	1033.85
50	991.73	1041.59	1041.59
55	997.06	1047.18	1047.18
60	1000.76	1051.06	1051.06
65	1003.21	1053.63	1053.63
70	1004.68	1055.18	1055.18
75	1005.39	1055.93	1055.93
80	1005.46	1055.99	1055.99
85	1004.88	1055.38	1055.38
90	1003.57	1054.01	1054.01
95	1001.34	1051.67	1051.67
100	997.92	1048.08	1048.08
105	992.95	1042.86	1042.86
110	986.02	1035.59	1035.59
115	976.68	1025.79	1025.79
120	964.47	1012.97	1012.97
125	948.92	996.65	996.65
130	929.62	976.39	976.44
135	906.21	951.81	951.96
140	878.43	922.65	922.92
145	846.11	888.73	889.17
150	809.24	850.03	850.66
155	767.94	806.68	807.50
160	722.48	758.97	759.96
165	673.28	707.33	708.48
170	620.90	652.37	653.61
175	566.03	594.80	596.09

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	509.48	535.47	536.74
185	452.14	475.33	476.51
190	395.00	415.42	416.43
195	339.12	356.85	357.64
200	285.65	300.85	301.38
205	235.95	248.85	249.10
210	191.63	202.57	204.16
215	154.84	164.27	167.84
220	128.32	136.76	136.76
225	114.48	122.48	125.53
230	113.06	121.02	121.02
235	120.09	128.26	128.26
240	130.56	139.09	139.09
245	140.80	149.69	149.69
250	148.67	157.85	157.85
255	153.05	162.40	163.88
260	153.45	162.83	165.60
265	149.84	159.08	164.06
270	142.61	151.57	154.34
275	132.71	141.31	141.31
280	122.05	130.29	130.29
285	113.96	121.94	121.94
290	113.29	121.25	124.04
295	124.49	132.80	133.08
300	148.62	157.81	157.81
305	183.59	194.19	194.19
310	226.59	239.08	239.08
315	275.37	290.09	290.09
320	328.19	345.40	345.40
325	383.69	403.56	403.56
330	440.67	463.30	463.30
335	498.05	523.47	523.47
340	554.83	583.04	583.04
345	610.10	641.03	641.03
350	663.04	696.58	696.58
355	712.92	748.94	748.94