

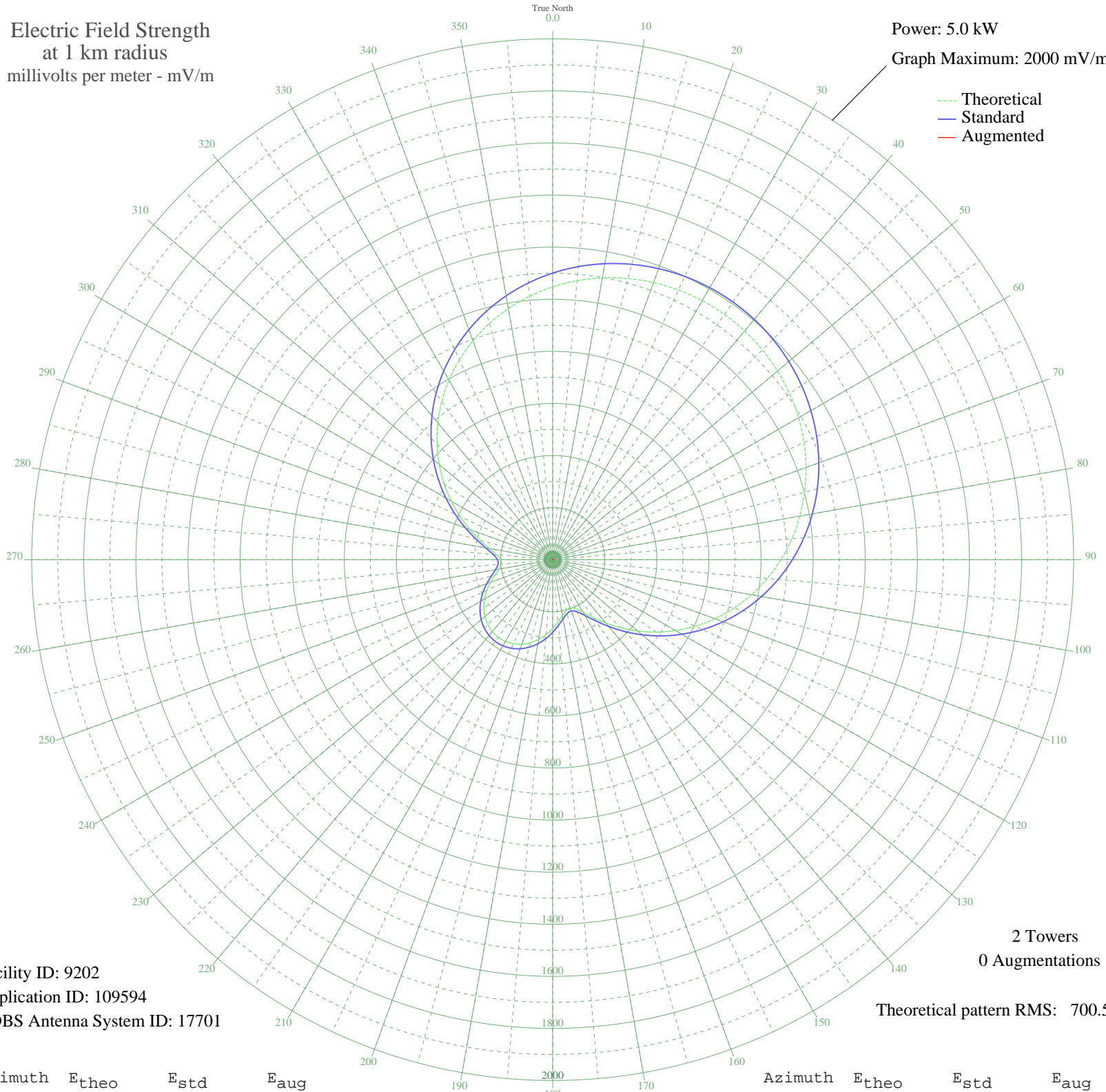
WLOB PORTLAND, ME BL-19880219AG 1310 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 9202
Application ID: 109594
CDBS Antenna System ID: 17701

2 Towers
0 Augmentations

Theoretical pattern RMS: 700.50

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1047.43	1100.30	
5	1075.18	1129.43	
10	1098.58	1153.98	
15	1117.57	1173.92	
20	1132.16	1189.23	
25	1142.32	1199.90	
30	1148.07	1205.93	
35	1149.39	1207.32	
40	1146.30	1204.07	
45	1138.79	1196.19	
50	1126.86	1183.66	
55	1110.50	1166.50	
60	1089.75	1144.71	
65	1064.60	1118.32	
70	1035.13	1087.39	
75	1001.39	1051.98	
80	963.51	1012.23	
85	921.66	968.30	
90	876.04	920.44	
95	826.95	868.93	
100	774.73	814.14	
105	719.81	756.53	
110	662.71	696.63	
115	604.02	635.09	
120	544.45	572.63	
125	484.84	510.16	
130	426.18	448.71	
135	369.73	389.63	
140	317.12	334.61	
145	270.51	285.96	
150	232.84	246.71	
155	207.52	220.40	
160	197.20	209.69	
165	201.64	214.29	
170	217.28	230.53	
175	239.39	253.53	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	264.00	279.17	
185	288.37	304.59	
190	310.70	327.92	
195	329.88	347.95	
200	345.15	363.92	
205	356.06	375.33	
210	362.32	381.87	
215	363.77	383.39	
220	360.39	379.85	
225	352.24	371.33	
230	339.54	358.06	
235	322.64	340.39	
240	302.10	318.92	
245	278.78	294.59	
250	254.06	268.81	
255	230.05	243.81	
260	209.98	222.95	
265	198.26	210.79	
270	199.46	212.03	
275	215.95	229.15	
280	246.62	261.06	
285	288.26	304.48	
290	337.58	356.00	
295	391.95	412.88	
300	449.46	473.09	
305	508.63	535.09	
310	568.34	597.67	
315	627.65	659.86	
320	685.78	720.83	
325	742.07	779.88	
330	795.97	836.42	
335	846.98	889.95	
340	894.72	940.04	
345	938.86	986.36	
350	979.15	1028.64	
355	1015.39	1066.67	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission