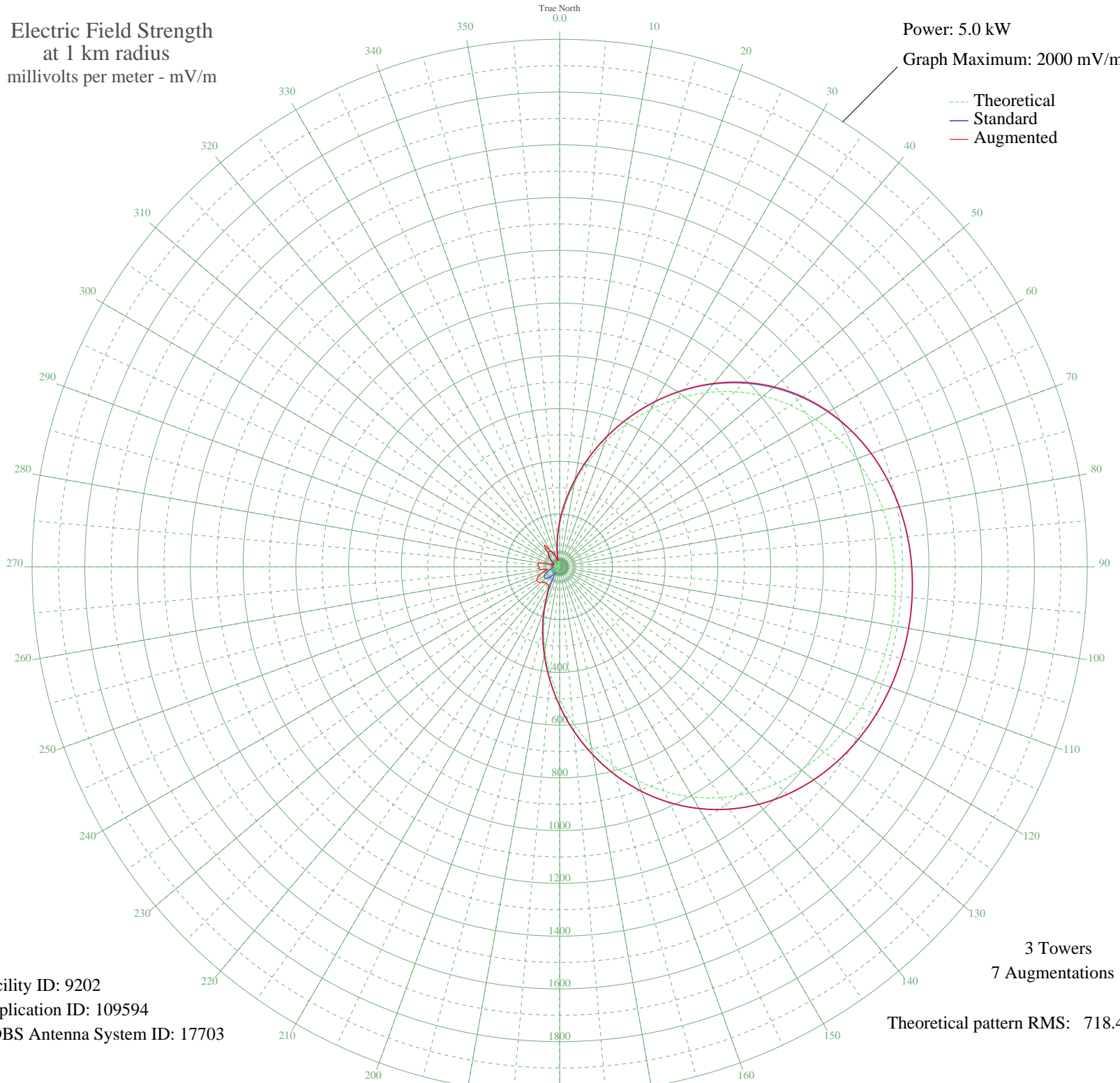


WLOB PORTLAND, ME BL-19880219AG 1310 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 9202
Application ID: 109594
CDBS Antenna System ID: 17703

3 Towers
7 Augmentations

Theoretical pattern RMS: 718.41

Azimuth	E _{theo}	E _{std}	E _{aug}
0	161.12	170.80	170.80
5	235.97	248.88	248.88
10	319.06	335.83	335.83
15	408.30	429.36	429.36
20	501.30	526.89	526.89
25	595.52	625.74	625.74
30	688.47	723.28	723.86
35	777.88	817.11	818.96
40	861.77	905.16	908.33
45	938.62	985.83	989.86
50	1007.39	1058.02	1062.17
55	1067.51	1121.13	1124.67
60	1118.85	1175.03	1177.48
65	1161.67	1219.98	1221.23
70	1196.50	1256.55	1256.88
75	1224.07	1285.49	1285.49
80	1245.17	1307.64	1307.64
85	1260.60	1323.84	1323.84
90	1271.07	1334.83	1334.83
95	1277.12	1341.18	1341.18
100	1279.09	1343.25	1343.25
105	1277.12	1341.18	1341.18
110	1271.07	1334.83	1334.83
115	1260.60	1323.84	1323.84
120	1245.17	1307.64	1307.64
125	1224.07	1285.49	1285.49
130	1196.51	1256.55	1256.55
135	1161.67	1219.98	1219.98
140	1118.85	1175.03	1175.03
145	1067.51	1121.13	1121.13
150	1007.39	1058.02	1058.02
155	938.62	985.83	985.83
160	861.77	905.16	905.16
165	777.88	817.11	817.11
170	688.48	723.28	723.28
175	595.52	625.74	625.74

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	501.30	526.89	526.89
185	408.30	429.36	429.36
190	319.06	335.83	335.83
195	235.97	248.88	248.88
200	161.12	170.80	170.80
205	96.18	103.68	110.59
210	42.25	50.19	83.44
215	0.16	23.48	80.47
220	31.12	40.23	81.16
225	51.27	58.73	82.63
230	61.72	68.93	91.36
235	63.92	71.10	100.12
240	59.56	66.80	99.78
245	50.45	57.94	91.25
250	38.36	46.63	75.96
255	25.01	35.22	56.02
260	11.89	26.59	55.32
265	0.32	23.48	80.47
270	8.70	25.19	78.35
275	14.41	27.93	82.28
280	16.36	29.09	82.08
285	14.41	27.93	43.46
290	8.70	25.19	25.19
295	0.32	23.48	23.48
300	11.89	26.59	26.59
305	25.01	35.22	35.22
310	38.36	46.63	46.63
315	50.45	57.94	57.94
320	59.56	66.80	66.80
325	63.92	71.10	101.39
330	61.72	68.93	68.93
335	51.27	58.73	58.73
340	31.12	40.23	40.23
345	0.16	23.48	23.48
350	42.25	50.19	50.19
355	96.18	103.68	103.68