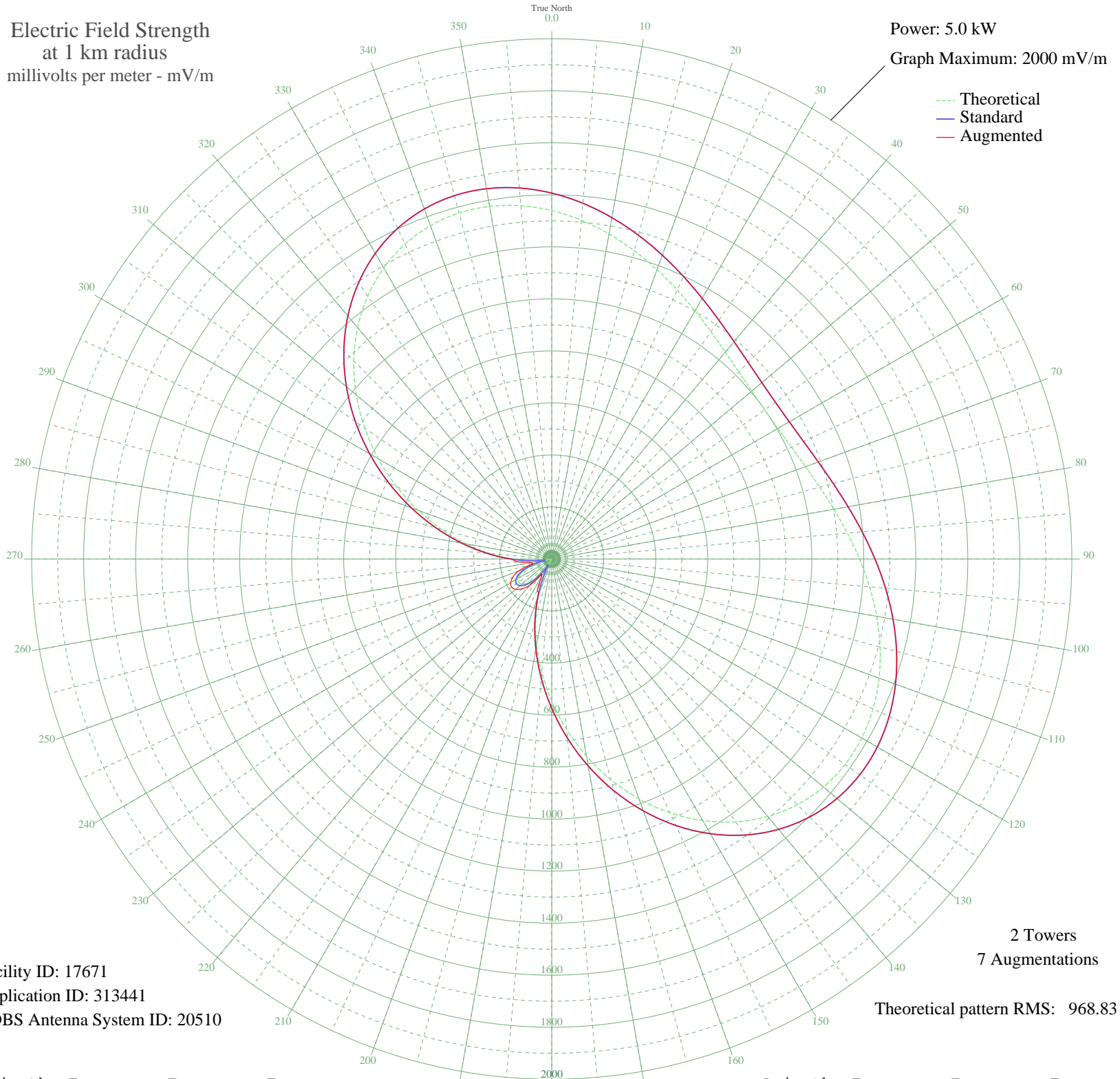


WDEA ELLSWORTH, ME BL-- 1370 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 17671
Application ID: 313441
CDBS Antenna System ID: 20510

2 Towers
7 Augmentations

Theoretical pattern RMS: 968.83

Azimuth	Etheo	Estd	Eaug
0	1339.47	1406.68	1406.68
5	1307.21	1372.81	1372.81
10	1268.86	1332.54	1332.54
15	1226.82	1288.42	1288.42
20	1183.50	1242.94	1242.94
25	1141.11	1198.44	1198.44
30	1101.69	1157.06	1157.06
35	1067.00	1120.64	1120.64
40	1038.48	1090.71	1090.71
45	1017.30	1068.47	1068.47
50	1004.26	1054.79	1054.79
55	999.86	1050.17	1050.17
60	1004.26	1054.79	1054.79
65	1017.30	1068.47	1068.47
70	1038.48	1090.71	1090.71
75	1067.00	1120.64	1120.64
80	1101.69	1157.06	1157.06
85	1141.11	1198.44	1198.44
90	1183.50	1242.93	1242.93
95	1226.82	1288.42	1288.42
100	1268.86	1332.54	1332.54
105	1307.21	1372.81	1372.81
110	1339.47	1406.68	1406.68
115	1363.68	1431.66	1431.66
120	1376.41	1445.46	1445.46
125	1377.03	1446.11	1446.11
130	1363.68	1432.10	1432.10
135	1335.43	1402.44	1402.44
140	1291.97	1356.80	1356.80
145	1233.59	1295.52	1295.52
150	1161.23	1219.56	1219.56
155	1076.42	1130.53	1130.53
160	981.17	1030.55	1030.55
165	877.86	922.11	922.11
170	769.13	808.00	808.00
175	657.72	691.08	691.08

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	546.32	574.21	574.21
185	437.49	460.07	460.07
190	333.53	351.14	351.14
195	236.44	249.58	249.58
200	147.89	157.38	157.38
205	69.21	77.05	128.75
210	1.41	25.63	80.47
215	54.80	62.97	79.01
220	98.91	106.96	131.92
225	130.60	139.49	161.80
230	149.67	159.22	181.21
235	156.04	165.83	188.29
240	149.67	159.22	182.36
245	130.60	139.49	165.15
250	98.91	106.96	136.01
255	54.80	62.97	82.34
260	1.41	25.63	80.47
265	69.21	77.05	127.52
270	147.89	157.38	159.99
275	236.44	249.58	249.58
280	333.53	351.14	351.14
285	437.49	460.07	460.07
290	546.32	574.21	574.21
295	657.72	691.08	691.08
300	769.13	808.00	808.00
305	877.86	922.11	922.11
310	981.17	1030.55	1030.55
315	1076.42	1130.53	1130.53
320	1161.23	1219.56	1219.56
325	1233.59	1295.52	1295.52
330	1291.97	1356.80	1356.80
335	1335.43	1402.44	1402.44
340	1363.68	1432.10	1432.10
345	1377.03	1446.11	1446.11
350	1376.41	1445.46	1445.46
355	1363.27	1431.66	1431.66