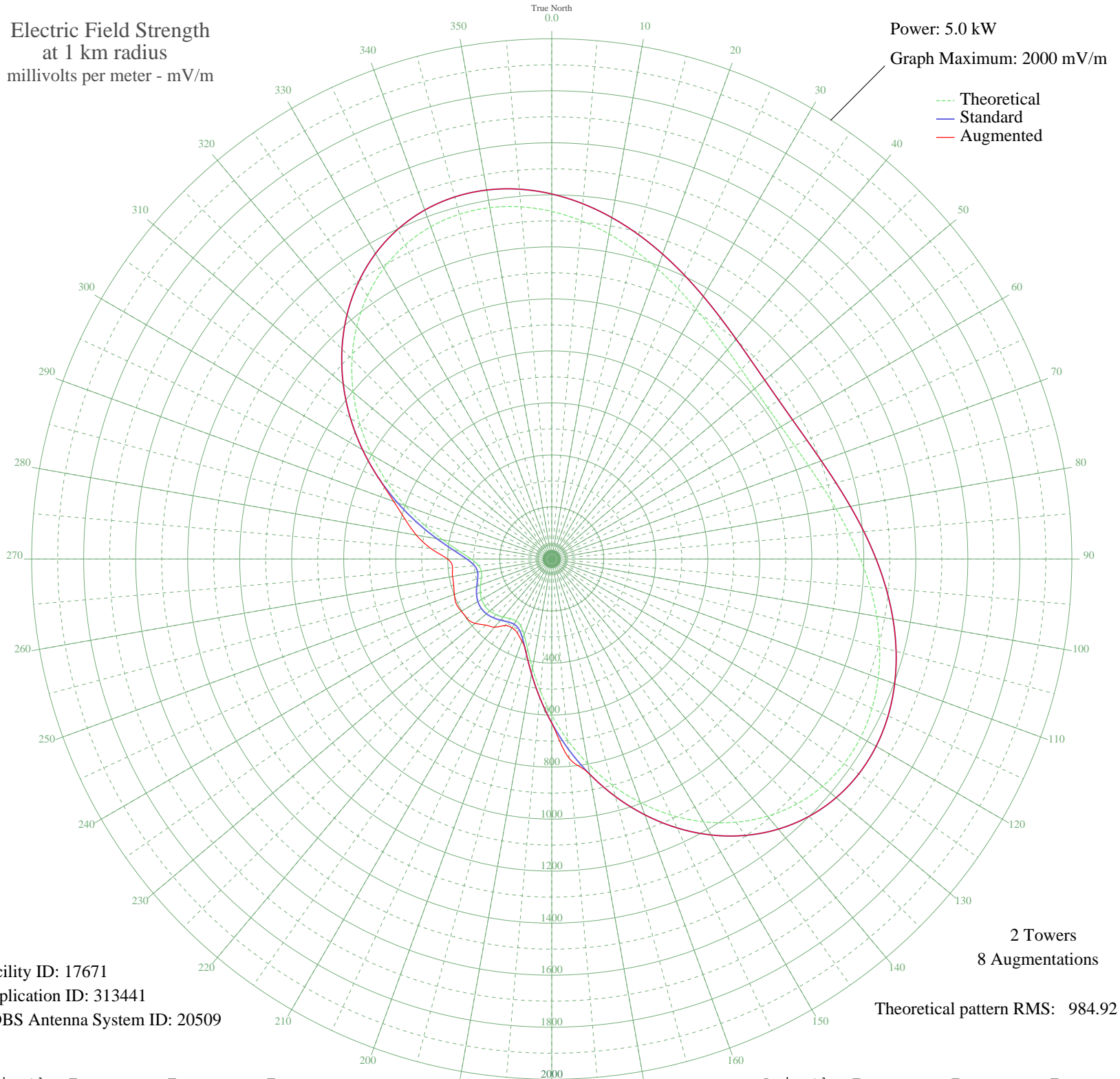


WDEA ELLSWORTH, ME BL-- 1370 kHz

Daytime

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: 20509

2 Towers
8 Augmentations
Theoretical pattern RMS: 984.92

Azimuth	Etheo	Estd	Eaug
0	1336.23	1403.28	1403.28
5	1305.42	1370.94	1370.94
10	1268.84	1332.53	1332.53
15	1228.81	1290.51	1290.51
20	1187.62	1247.27	1247.27
25	1147.40	1205.05	1205.05
30	1110.07	1165.87	1165.87
35	1077.29	1131.45	1131.45
40	1050.39	1103.22	1103.22
45	1030.45	1082.28	1082.28
50	1018.18	1069.41	1069.41
55	1014.05	1065.07	1065.07
60	1018.18	1069.41	1069.41
65	1030.45	1082.28	1082.28
70	1050.39	1103.22	1103.22
75	1077.29	1131.45	1131.45
80	1110.07	1165.87	1165.87
85	1147.40	1205.05	1205.05
90	1187.62	1247.27	1247.27
95	1228.81	1290.51	1290.51
100	1268.84	1332.53	1332.53
105	1305.42	1370.94	1370.94
110	1336.23	1403.28	1403.28
115	1358.97	1427.15	1427.15
120	1371.54	1440.35	1440.35
125	1372.13	1440.98	1440.98
130	1359.37	1427.57	1427.57
135	1332.37	1399.23	1399.23
140	1290.87	1355.66	1355.66
145	1235.24	1297.26	1297.26
150	1166.48	1225.08	1225.08
155	1086.19	1140.79	1140.79
160	996.49	1046.64	1046.64
165	899.98	945.33	945.33
170	799.55	839.93	839.93
175	698.40	733.78	769.56

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	Etheo	Estd	Eaug
180	599.94	630.47	630.47
185	507.81	533.84	533.84
190	426.00	448.06	448.06
195	358.80	377.64	377.64
200	310.32	326.88	335.50
205	282.88	298.16	313.53
210	274.69	289.60	305.78
215	279.85	294.99	312.27
220	291.17	306.83	341.86
225	302.84	319.04	359.39
230	311.14	327.73	384.65
235	314.10	330.83	397.68
240	311.14	327.73	401.91
245	302.84	319.04	405.82
250	291.17	306.83	398.37
255	279.85	294.99	390.51
260	274.69	289.60	387.19
265	282.88	298.16	382.88
270	310.32	326.88	400.88
275	358.80	377.64	467.12
280	426.00	448.06	528.52
285	507.81	533.84	582.54
290	599.94	630.47	646.33
295	698.40	733.78	734.20
300	799.55	839.93	839.93
305	899.98	945.33	945.33
310	996.49	1046.64	1046.64
315	1086.19	1140.79	1140.79
320	1166.48	1225.08	1225.08
325	1235.24	1297.26	1297.26
330	1290.87	1355.66	1355.66
335	1332.37	1399.23	1399.23
340	1359.37	1427.57	1427.57
345	1372.13	1440.98	1440.98
350	1371.54	1440.35	1440.35
355	1358.97	1427.15	1427.15