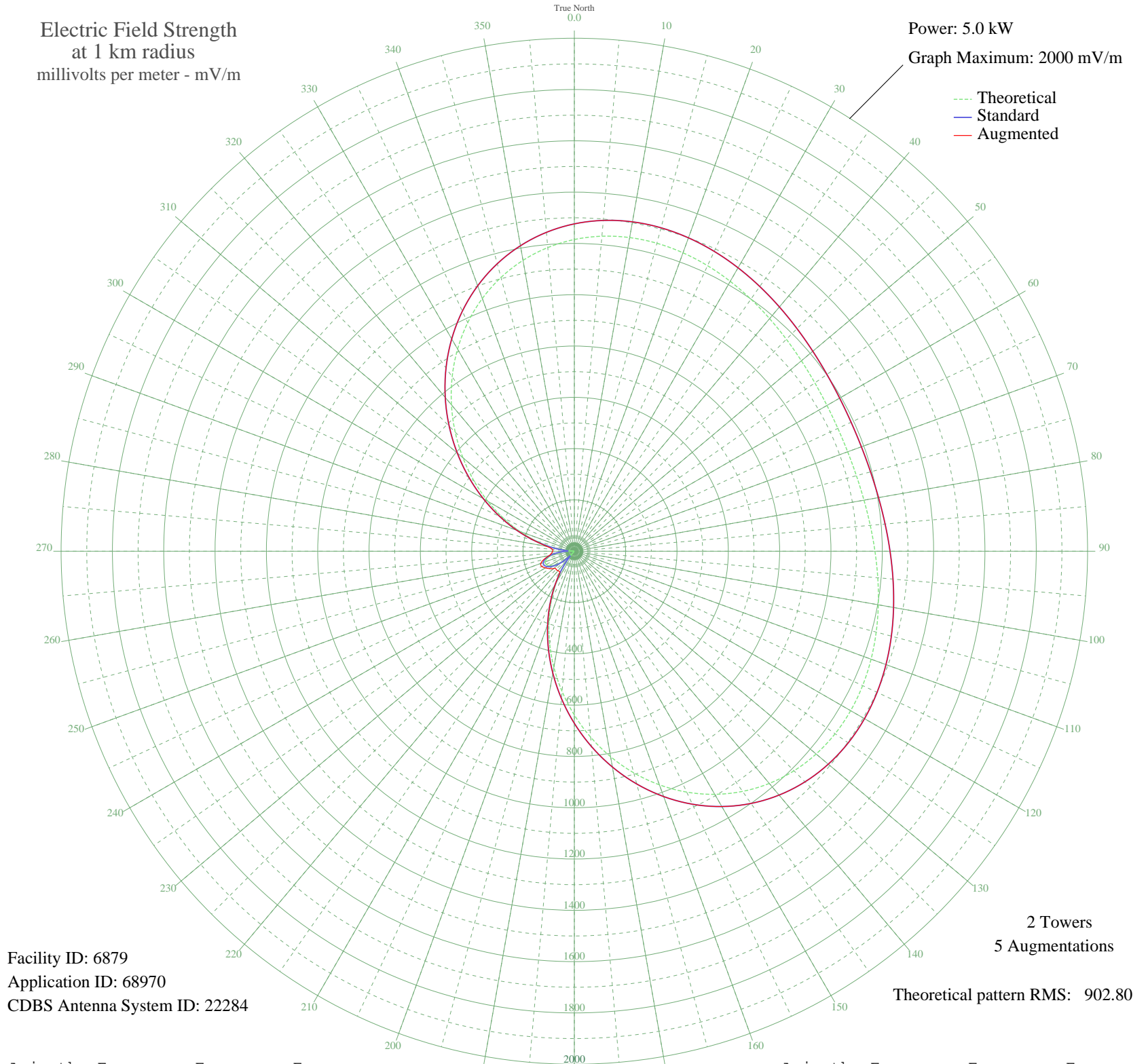


WSAR FALL RIVER, MA BL-19840420AE 1480 kHz

Unlimited Time

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 6879
Application ID: 68970
CDBS Antenna System ID: 22284

2 Towers
5 Augmentations
Theoretical pattern RMS: 902.80

Azimuth	Etheo	Estd	Eaug
0	1215.25	1276.23	1276.23
5	1232.77	1294.62	1294.62
10	1241.69	1303.98	1303.98
15	1243.04	1305.41	1305.41
20	1238.10	1300.22	1300.22
25	1228.26	1289.88	1289.88
30	1214.96	1275.93	1275.93
35	1199.67	1259.88	1259.88
40	1183.77	1243.18	1243.18
45	1168.51	1227.16	1227.16
50	1155.02	1212.99	1212.99
55	1144.19	1201.63	1201.63
60	1136.72	1193.79	1193.79
65	1133.08	1189.97	1189.97
70	1133.49	1190.39	1190.39
75	1137.92	1195.05	1195.05
80	1146.10	1203.64	1203.64
85	1157.53	1215.63	1215.63
90	1171.46	1230.25	1230.25
95	1186.94	1246.50	1246.50
100	1202.82	1263.18	1263.18
105	1217.83	1278.94	1278.94
110	1230.55	1292.29	1292.29
115	1239.53	1301.72	1301.72
120	1243.32	1305.69	1305.69
125	1240.54	1302.78	1302.78
130	1229.99	1291.70	1291.70
135	1210.64	1271.39	1271.39
140	1181.78	1241.09	1241.09
145	1143.02	1200.41	1200.41
150	1094.36	1149.32	1149.32
155	1036.15	1088.21	1088.21
160	969.13	1017.86	1017.86
165	894.39	939.40	939.40
170	813.30	854.29	854.29
175	727.47	764.20	764.20

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	638.63	670.97	670.97
185	548.59	576.50	576.50
190	459.16	482.69	482.69
195	372.03	391.33	391.33
200	288.78	304.13	304.13
205	210.80	222.59	222.59
210	139.28	148.12	148.12
215	75.19	82.37	98.26
220	19.30	31.02	99.07
225	27.80	37.46	100.13
230	65.69	72.86	104.52
235	94.07	101.52	118.08
240	112.75	120.69	130.04
245	121.62	129.84	140.32
250	120.63	128.82	138.74
255	109.79	117.65	122.47
260	89.16	96.52	99.85
265	58.86	66.11	89.08
270	19.10	30.88	84.43
275	29.80	39.12	85.84
280	87.38	94.70	108.89
285	153.02	162.38	163.23
290	225.92	238.37	238.37
295	305.05	321.16	321.16
300	389.19	409.32	409.32
305	476.91	501.31	501.31
310	566.61	595.40	595.40
315	656.55	689.78	689.78
320	744.93	782.53	782.53
325	829.96	871.77	871.77
330	909.89	955.68	955.68
335	983.19	1032.62	1032.62
340	1048.52	1101.20	1101.20
345	1104.87	1160.35	1160.35
350	1151.57	1209.38	1209.38
355	1188.34	1247.97	1247.97