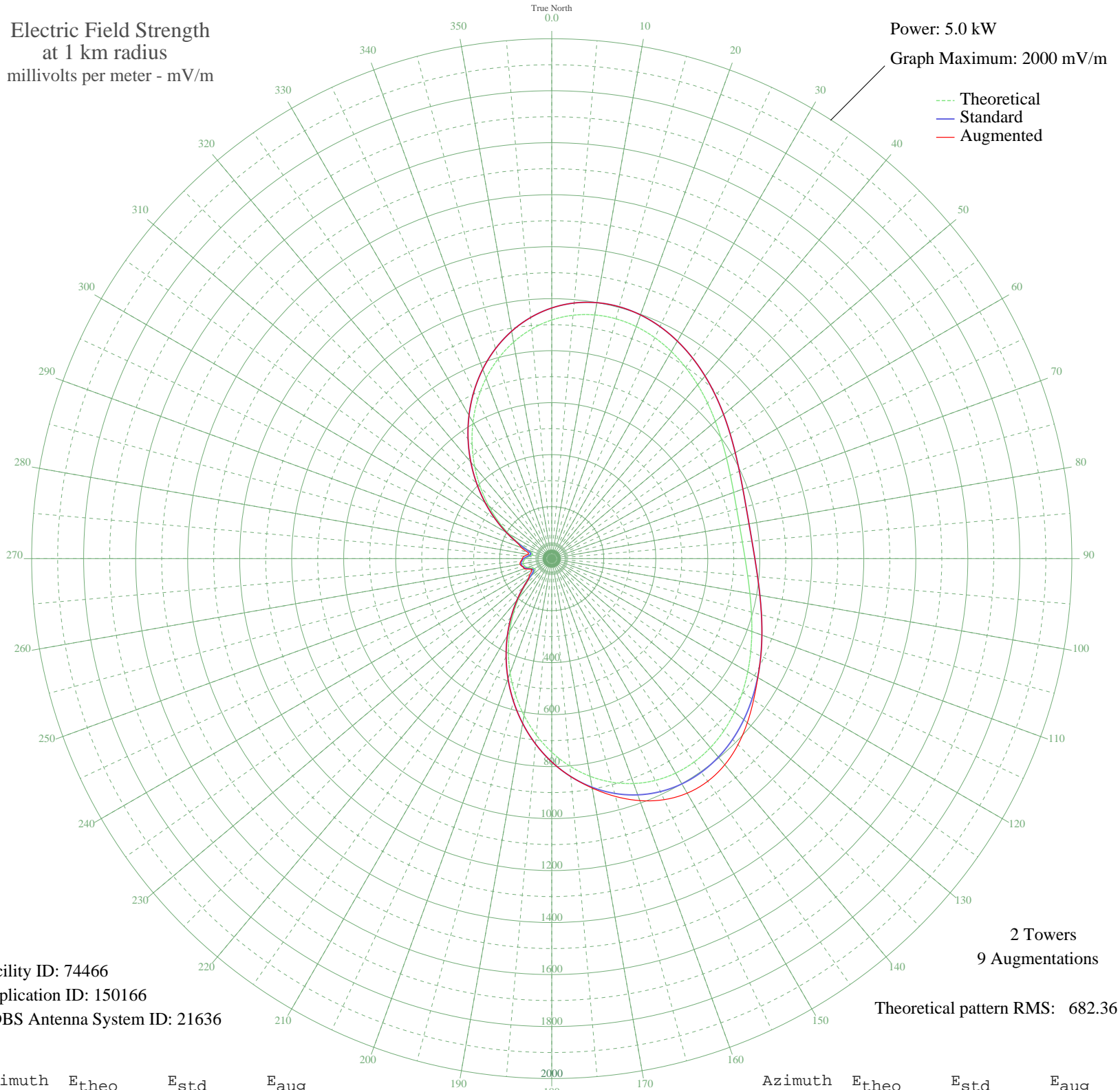


# WVEI WORCESTER, MA BL-19900711AB 1440 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 74466  
Application ID: 150166  
CDBS Antenna System ID: 21636

2 Towers  
9 Augmentations  
Theoretical pattern RMS: 682.36

Azimuth	Etheo	Estd	Eaug
0	918.10	964.29	964.29
5	939.84	987.11	987.11
10	952.00	999.88	999.88
15	955.10	1003.13	1003.13
20	949.99	997.77	997.77
25	937.82	984.99	984.99
30	919.94	966.22	966.22
35	897.82	943.01	943.01
40	873.01	916.96	916.96
45	847.02	889.68	889.68
50	821.28	862.66	862.66
55	797.12	837.30	837.30
60	775.68	814.80	814.80
65	757.92	796.16	796.16
70	744.61	782.19	782.19
75	736.29	773.46	773.46
80	733.30	770.32	770.32
85	735.75	772.89	772.89
90	743.55	781.08	781.08
95	756.38	794.55	794.55
100	773.72	812.75	812.75
105	794.83	834.91	834.91
110	818.77	860.03	860.03
115	844.41	886.94	886.94
120	870.44	914.26	915.03
125	895.44	940.50	947.63
130	917.89	964.07	981.82
135	936.27	983.36	1012.62
140	949.07	996.80	1035.17
145	954.94	1002.96	1045.64
150	952.71	1000.62	1041.76
155	941.48	988.84	1023.00
160	920.71	967.03	990.57
165	890.21	935.01	947.13
170	850.20	893.02	896.24
175	801.31	841.70	841.70

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	744.52	782.10	782.10
185	681.15	715.59	715.59
190	612.73	643.79	643.79
195	541.00	568.53	568.53
200	467.76	491.71	491.71
205	394.85	415.26	415.26
210	324.08	341.09	341.09
215	257.25	271.13	271.13
220	196.23	207.37	207.37
225	143.34	152.33	152.33
230	102.19	109.84	114.48
235	78.61	85.81	100.86
240	76.08	83.27	88.14
245	86.60	93.91	94.35
250	99.21	106.79	112.49
255	108.31	116.12	116.89
260	111.74	119.65	123.90
265	108.93	116.76	119.68
270	100.34	107.94	112.67
275	87.90	95.23	106.60
280	76.76	83.95	93.59
285	77.44	84.64	96.83
290	98.93	106.50	124.01
295	138.62	147.43	148.73
300	190.53	201.43	201.43
305	250.85	264.44	264.44
310	317.19	333.88	333.88
315	387.65	407.71	407.71
320	460.42	484.02	484.02
325	533.71	560.89	560.89
330	605.68	636.39	636.39
335	674.50	708.62	708.62
340	738.46	775.74	775.74
345	795.97	836.10	836.10
350	845.70	888.29	888.29
355	886.63	931.25	931.25