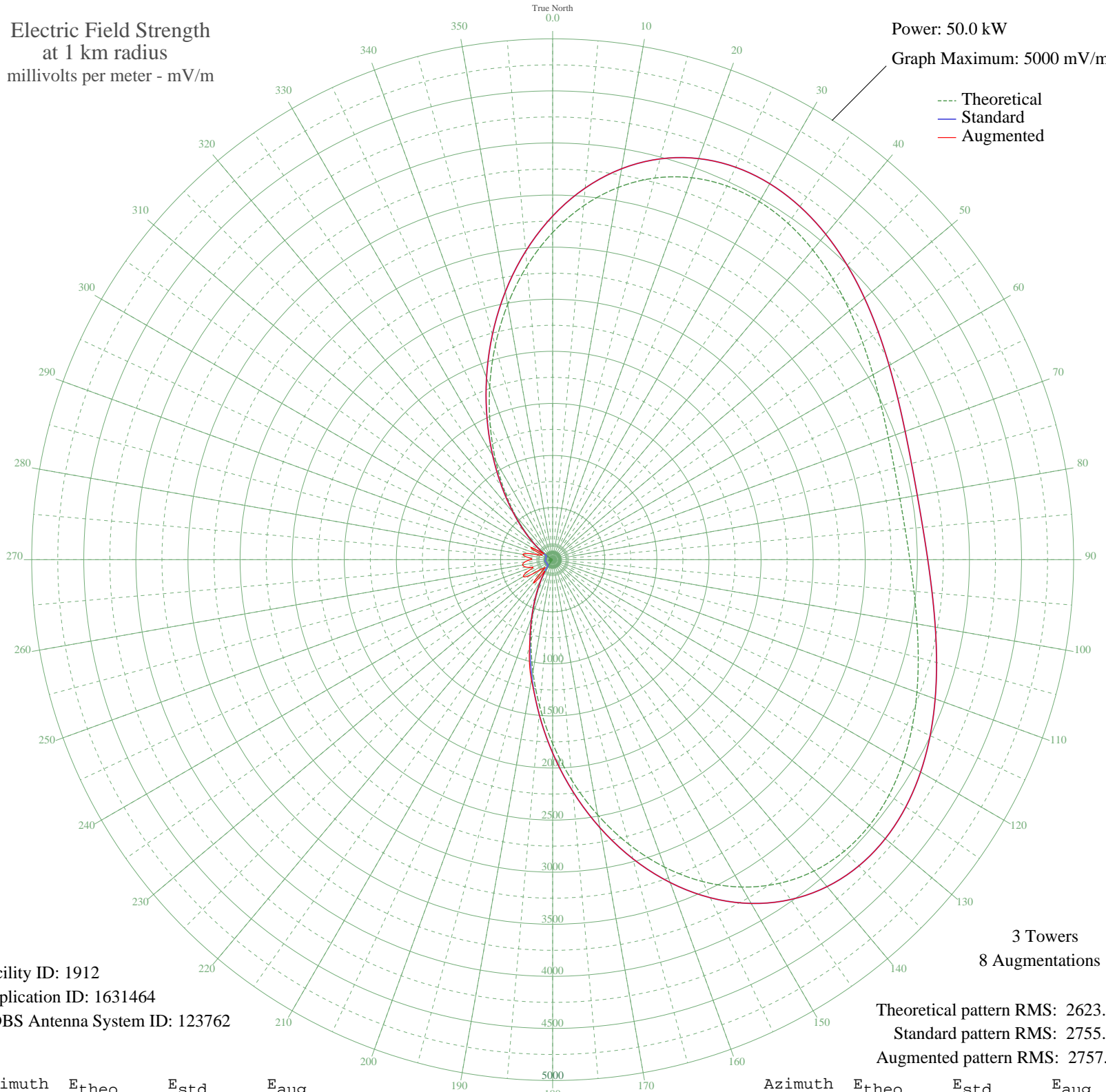


# WEEI BOSTON, MA BMML-20140314ADY 850 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 1912  
Application ID: 1631464  
CDBS Antenna System ID: 123762

3 Towers  
8 Augmentations

Theoretical pattern RMS: 2623.23  
Standard pattern RMS: 2755.39  
Augmented pattern RMS: 2757.71

Azimuth	Etheo	Estd	Eaug
0	3140.82	3298.47	3298.47
5	3409.91	3580.97	3580.97
10	3628.71	3810.68	3810.68
15	3792.81	3982.96	3982.96
20	3901.65	4097.22	4097.22
25	3958.20	4156.60	4156.60
30	3968.40	4167.31	4167.31
35	3940.29	4137.80	4137.80
40	3883.16	4077.82	4077.82
45	3806.72	3997.56	3997.56
50	3720.34	3906.88	3906.88
55	3632.61	3814.77	3814.77
60	3550.91	3729.00	3729.00
65	3481.27	3655.89	3655.89
70	3428.31	3600.28	3600.28
75	3395.26	3565.59	3565.59
80	3384.03	3553.81	3553.81
85	3395.26	3565.59	3565.59
90	3428.31	3600.28	3600.28
95	3481.27	3655.89	3655.89
100	3550.91	3729.00	3729.00
105	3632.61	3814.77	3814.77
110	3720.34	3906.88	3906.88
115	3806.72	3997.56	3997.56
120	3883.16	4077.82	4077.82
125	3940.29	4137.80	4137.80
130	3968.40	4167.31	4167.31
135	3958.20	4156.60	4156.60
140	3901.65	4097.22	4097.22
145	3792.81	3982.96	3982.96
150	3628.71	3810.68	3810.68
155	3409.91	3580.97	3580.97
160	3140.82	3298.47	3298.47
165	2829.57	2971.73	2971.73
170	2487.51	2612.66	2612.66
175	2128.24	2235.56	2235.56

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.

13 Sep 2023

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	1766.48	1855.90	1855.90
185	1416.69	1488.89	1488.89
190	1091.87	1148.23	1173.78
195	802.47	845.00	857.19
200	555.76	587.00	587.00
205	355.46	378.62	378.62
210	201.89	221.34	221.34
215	92.37	116.01	135.40
220	21.85	67.66	280.57
225	16.33	65.92	111.53
230	29.65	70.86	136.69
235	25.70	69.14	248.86
240	11.67	64.82	325.00
245	6.16	63.98	257.81
250	22.66	67.95	210.76
255	34.08	73.02	270.71
260	38.15	75.21	292.00
265	34.08	73.02	270.71
270	22.66	67.95	210.76
275	6.16	63.98	236.01
280	11.67	64.82	290.00
285	25.70	69.14	222.49
290	29.65	70.86	128.75
295	16.33	65.92	119.51
300	21.85	67.66	231.26
305	92.37	116.01	116.01
310	201.90	221.34	221.34
315	355.46	378.62	378.62
320	555.76	587.01	587.01
325	802.47	845.00	845.00
330	1091.87	1148.23	1148.23
335	1416.70	1488.89	1488.89
340	1766.48	1855.90	1855.90
345	2128.25	2235.56	2235.56
350	2487.51	2612.66	2612.66
355	2829.57	2971.73	2971.73