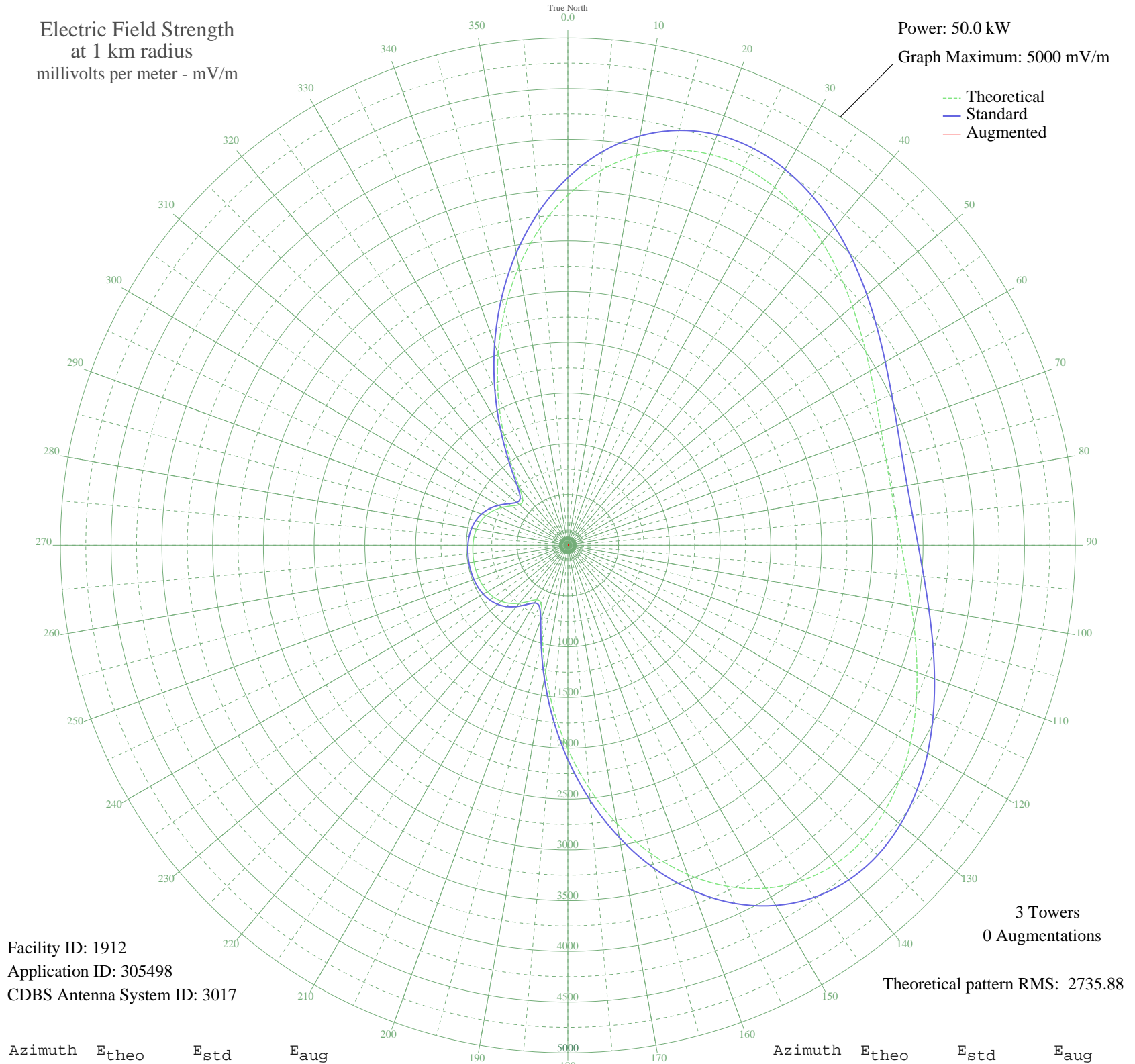


WEEI BOSTON, MA BL-- 850 kHz

Daytime

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: 305498
CDBS Antenna System ID: 3017

3 Towers
0 Augmentations
Theoretical pattern RMS: 2735.88

Azimuth	E _{theo}	E _{std}	E _{aug}
0	3449.48	3622.71	
5	3705.80	3891.80	
10	3900.44	4096.14	
15	4030.89	4233.08	
20	4098.99	4304.58	
25	4110.39	4316.54	
30	4073.62	4277.95	
35	3999.13	4199.74	
40	3898.19	4093.77	
45	3782.00	3971.80	
50	3660.97	3844.74	
55	3544.19	3722.14	
60	3439.20	3611.92	
65	3351.90	3520.28	
70	3286.66	3451.79	
75	3246.39	3409.52	
80	3232.78	3395.24	
85	3246.39	3409.52	
90	3286.66	3451.79	
95	3351.90	3520.28	
100	3439.20	3611.92	
105	3544.19	3722.14	
110	3660.97	3844.73	
115	3782.00	3971.80	
120	3898.19	4093.77	
125	3999.13	4199.74	
130	4073.62	4277.95	
135	4110.39	4316.54	
140	4098.99	4304.58	
145	4030.89	4233.08	
150	3900.44	4096.14	
155	3705.80	3891.80	
160	3449.48	3622.72	
165	3138.51	3296.27	
170	2784.18	2924.33	
175	2401.35	2522.51	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	2007.56	2109.25	
185	1622.17	1704.90	
190	1266.16	1331.54	
195	963.21	1014.10	
200	741.70	782.32	
205	628.84	664.44	
210	621.76	657.06	
215	675.94	713.61	
220	746.22	787.05	
225	809.50	853.21	
230	858.27	904.24	
235	892.39	939.95	
240	914.48	963.07	
245	927.80	977.01	
250	935.23	984.79	
255	938.86	988.60	
260	939.94	989.73	
265	938.86	988.60	
270	935.23	984.79	
275	927.80	977.01	
280	914.48	963.07	
285	892.39	939.95	
290	858.28	904.24	
295	809.50	853.21	
300	746.23	787.05	
305	675.94	713.61	
310	621.76	657.06	
315	628.84	664.44	
320	741.71	782.32	
325	963.22	1014.10	
330	1266.16	1331.54	
335	1622.17	1704.90	
340	2007.56	2109.25	
345	2401.36	2522.52	
350	2784.18	2924.33	
355	3138.51	3296.27	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission