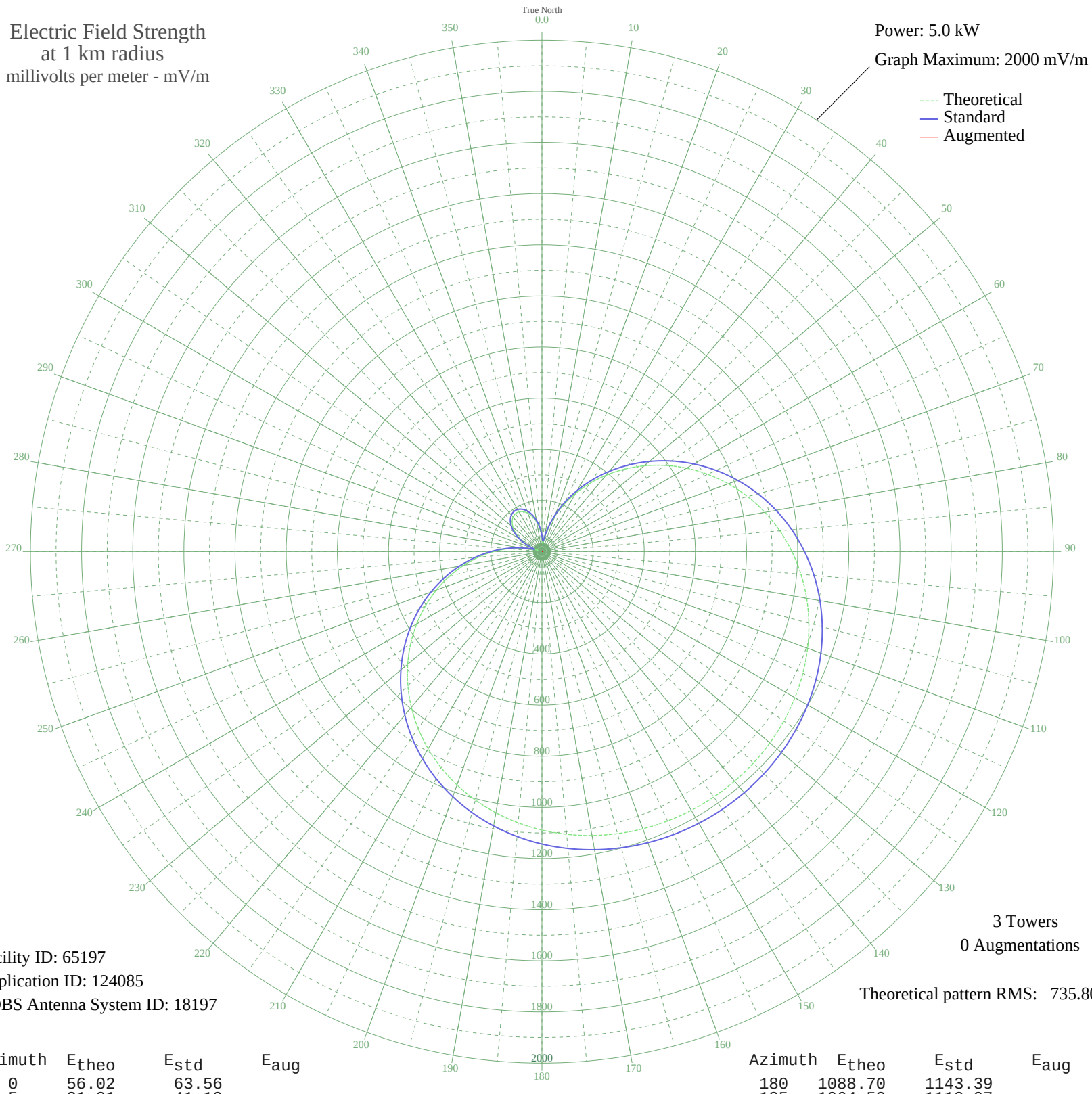
WARL ATTLEBORO, MA BL-19890213AF 1320 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 65197
Application ID: 124085
CDBS Antenna System ID: 18197

Theoretical pattern RMS: 735.80

Azimuth	E_{theo}	E_{std}	E_{aug}
0	56.02	63.56	
5	31.81	41.18	
10	50.33	58.07	
15	94.50	102.11	
20	146.33	155.53	
25	202.75	214.24	
30	262.64	276.83	
35	325.26	342.37	
40	389.85	410.05	
45	455.69	479.08	
50	521.97	548.59	
55	587.89	617.75	
60	652.65	685.70	
65	715.45	751.60	
70	775.56	814.69	
75	832.32	874.27	
80	885.19	929.77	
85	933.74	980.72	
90	977.65	1026.81	
95	1016.76	1067.87	
100	1051.02	1103.84	
105	1080.50	1134.79	
110	1105.36	1160.88	
115	1125.82	1182.36	
120	1142.15	1199.50	
125	1154.64	1212.61	
130	1163.55	1221.97	
135	1169.16	1227.86	
140	1171.68	1230.50	
145	1171.26	1230.06	
150	1168.03	1226.67	
155	1162.03	1220.36	
160	1153.24	1211.14	
165	1141.63	1198.95	
170	1127.08	1183.68	
175	1109.49	1165.21	
180	1088.70	1143.39	
185	1064.58	1118.07	
190	1036.98	1089.10	
195	1005.79	1056.36	
200	970.92	1019.75	
205	932.30	979.21	
210	889.94	934.75	
215	843.89	886.41	
220	794.26	834.32	
225	741.26	778.70	
230	685.19	719.85	
235	626.41	658.17	
240	565.40	594.16	
245	502.75	528.43	
250	439.08	461.66	
255	375.12	394.61	
260	311.63	328.09	
265	249.39	262.96	
270	189.20	200.12	
275	131.88	140.55	
280	78.36	85.73	
285	30.93	40.43	
290	24.53	35.26	
295	61.34	68.76	
300	95.59	103.21	
305	124.54	132.97	
310	147.70	156.94	
315	164.85	174.76	
320	175.90	186.26	
325	180.82	191.38	
330	179.65	190.16	
335	172.47	182.68	
340	159.42	169.11	
345	140.70	149.69	
350	116.64	124.81	
355	87.82	95.30	

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