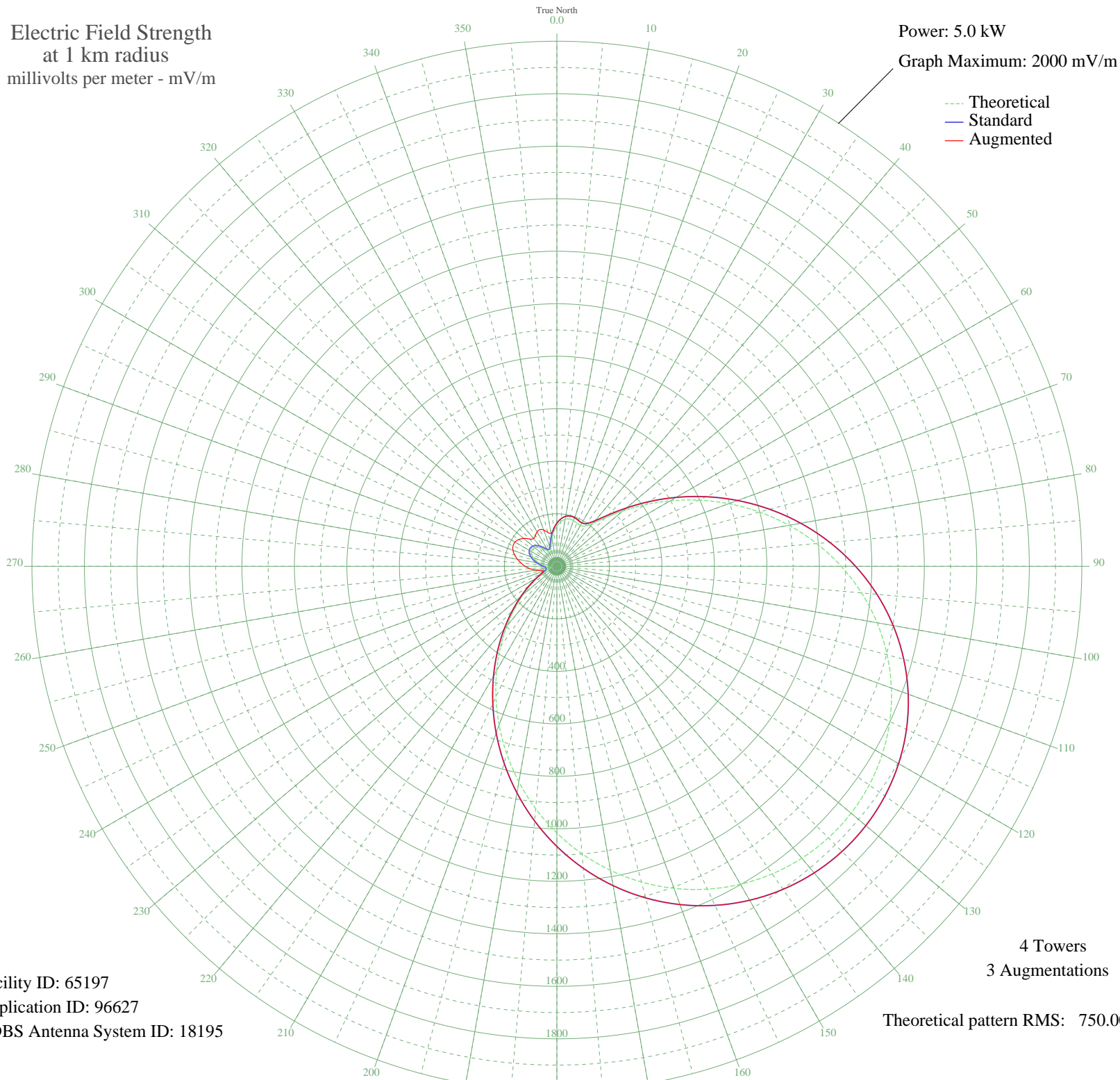


WARL ATTLEBORO, MA BL-19870106AA 1320 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 65197  
Application ID: 96627  
CDBS Antenna System ID: 18195

4 Towers  
3 Augmentations  
Theoretical pattern RMS: 750.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	153.36	164.24	164.24
5	170.17	181.58	181.58
10	181.31	193.10	193.10
15	186.19	198.16	198.16
20	185.36	197.29	197.29
25	181.22	193.01	193.01
30	179.06	190.76	190.76
35	187.11	199.10	199.10
40	213.44	226.43	226.43
45	260.97	275.91	275.91
50	327.22	345.09	345.09
55	407.85	429.46	429.46
60	498.70	524.63	524.63
65	596.16	626.80	626.80
70	697.05	732.61	732.61
75	798.55	839.10	839.10
80	898.17	943.63	943.63
85	993.70	1043.89	1043.89
90	1083.30	1137.92	1137.92
95	1165.41	1224.10	1224.10
100	1238.83	1301.18	1301.18
105	1302.67	1368.19	1368.19
110	1356.30	1424.48	1424.48
115	1399.31	1469.63	1469.63
120	1431.49	1503.41	1503.41
125	1452.78	1525.76	1525.76
130	1463.19	1536.69	1536.69
135	1462.82	1536.30	1536.30
140	1451.81	1524.75	1524.75
145	1430.34	1502.20	1502.20
150	1398.61	1468.90	1468.90
155	1356.91	1425.12	1425.12
160	1305.58	1371.24	1371.24
165	1245.09	1307.75	1307.75
170	1176.07	1235.29	1235.29
175	1099.31	1154.73	1154.73

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1015.84	1067.12	1067.12
185	926.92	973.80	973.80
190	834.02	876.32	876.32
195	738.85	776.46	776.46
200	643.25	676.18	676.18
205	549.20	577.56	577.56
210	458.69	482.70	482.70
215	373.63	393.64	393.64
220	295.79	312.26	312.26
225	226.65	240.16	240.16
230	167.34	178.65	178.65
235	118.58	128.63	128.63
240	80.59	90.58	90.58
245	53.07	64.41	64.41
250	35.11	49.02	53.74
255	25.45	41.93	64.11
260	23.44	40.62	83.20
265	28.70	44.18	103.13
270	39.36	52.46	121.16
275	53.15	64.49	136.43
280	68.15	78.51	151.93
285	82.73	92.68	166.57
290	95.50	105.35	177.96
295	105.31	115.20	184.24
300	111.26	121.20	184.25
305	112.75	122.72	177.52
310	109.55	119.48	164.48
315	101.82	111.69	146.66
320	90.29	100.16	138.12
325	76.63	86.71	122.81
330	64.34	74.89	150.95
335	59.57	70.40	153.93
340	67.49	77.88	146.78
345	85.79	95.70	133.44
350	108.79	118.71	127.83
355	132.24	142.56	142.56

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission