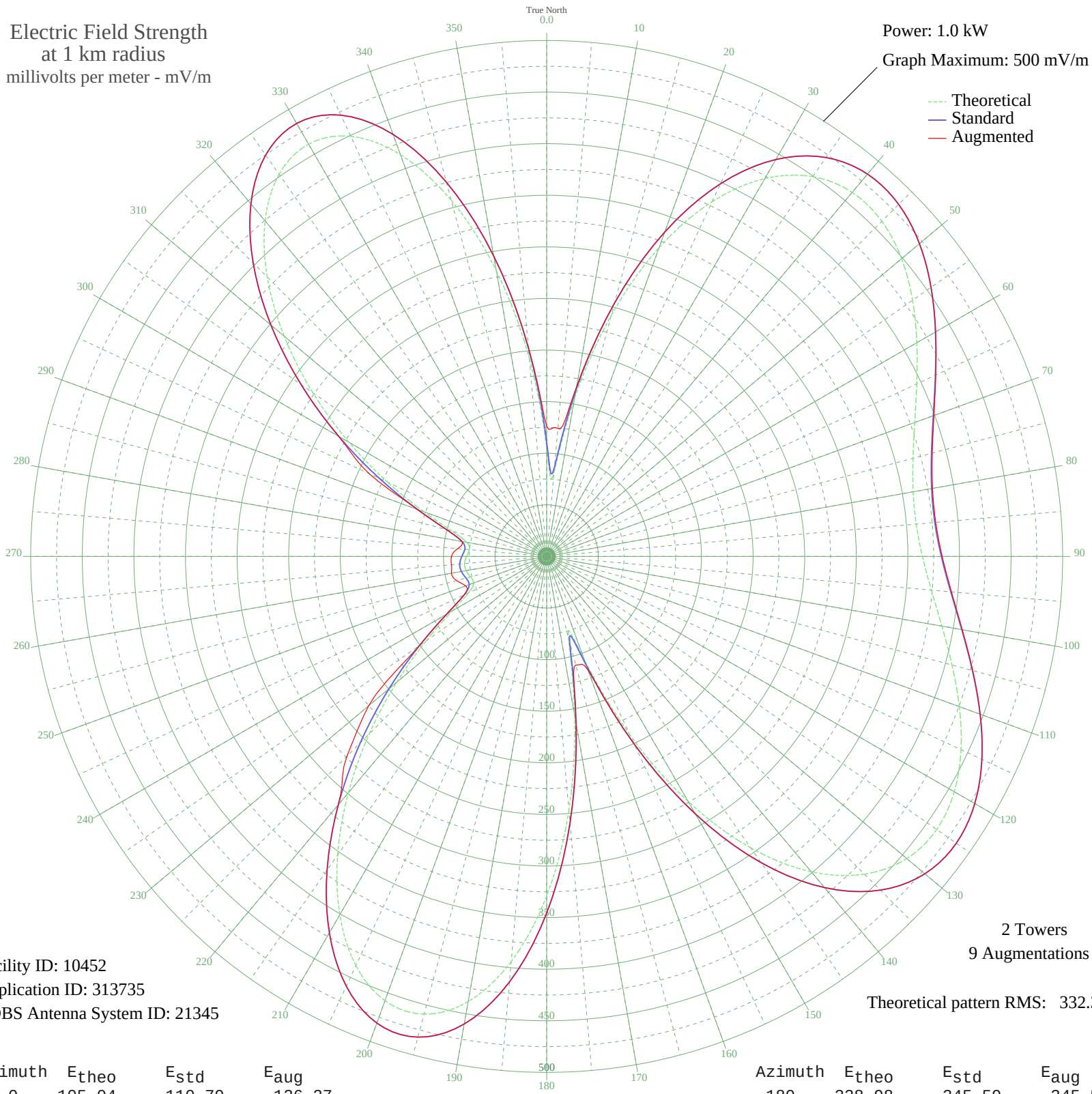
WBSM NEW BEDFORD, MA BL-- 1420 kHz

Nighttime



Facility ID: 10452
Application ID: 313735
CDBS Antenna System ID: 21345

Theoretical pattern RMS: 332.33

Azimuth	E_{theo}	E_{std}	E_{aug}
0	105.04	110.79	126.27
5	82.18	86.92	124.39
10	155.79	163.92	167.52
15	242.01	254.33	254.33
20	318.45	334.54	334.54
25	379.36	398.46	398.46
30	422.87	444.14	444.14
35	449.33	471.91	471.91
40	460.54	483.69	483.69
45	459.32	482.40	482.40
50	448.96	471.53	471.58
55	432.86	454.62	454.77
60	414.19	435.02	435.31
65	395.69	415.61	416.07
70	379.59	398.71	399.35
75	367.54	386.06	386.85
80	360.63	378.81	379.69
85	359.46	377.58	378.47
90	364.12	382.47	383.30
95	374.21	393.06	393.77
100	388.86	408.44	408.97
105	406.63	427.09	427.45
110	425.53	446.93	447.13
115	443.02	465.29	465.38
120	456.08	479.00	479.02
125	461.37	484.55	484.55
130	455.50	478.39	478.39
135	435.43	457.32	457.32
140	398.87	418.95	418.95
145	344.84	362.23	362.23
150	274.21	288.11	288.11
155	190.77	200.59	200.59
160	106.43	112.24	117.33
165	81.14	85.84	108.96
170	155.78	163.90	163.90
175	246.82	259.37	259.37

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	328.98	345.59	345.59
185	394.11	413.95	413.95
190	438.05	460.07	460.07
195	459.20	482.27	482.27
200	458.18	481.21	481.21
205	437.50	459.50	459.50
210	400.97	421.15	421.15
215	353.19	371.00	371.00
220	299.01	314.14	314.14
225	243.08	255.45	273.59
230	189.68	199.44	225.31
235	142.74	150.25	150.25
240	106.12	111.92	111.92
245	83.47	88.27	88.27
250	75.39	79.85	83.50
255	76.43	80.93	90.35
260	79.31	83.93	93.73
265	79.94	84.59	92.60
270	77.68	82.23	92.23
275	75.16	79.61	86.55
280	78.66	83.26	83.52
285	95.23	100.54	100.54
290	126.64	133.38	133.38
295	169.92	178.72	189.69
300	221.20	232.49	232.71
305	276.60	290.62	290.62
310	332.02	348.78	348.78
315	382.94	402.22	402.22
320	424.54	445.89	445.89
325	452.08	474.80	474.80
330	461.35	484.53	484.53
335	449.25	471.83	471.83
340	414.37	435.22	435.22
345	357.37	375.39	375.39
350	281.33	295.58	295.58
355	192.42	202.32	203.49