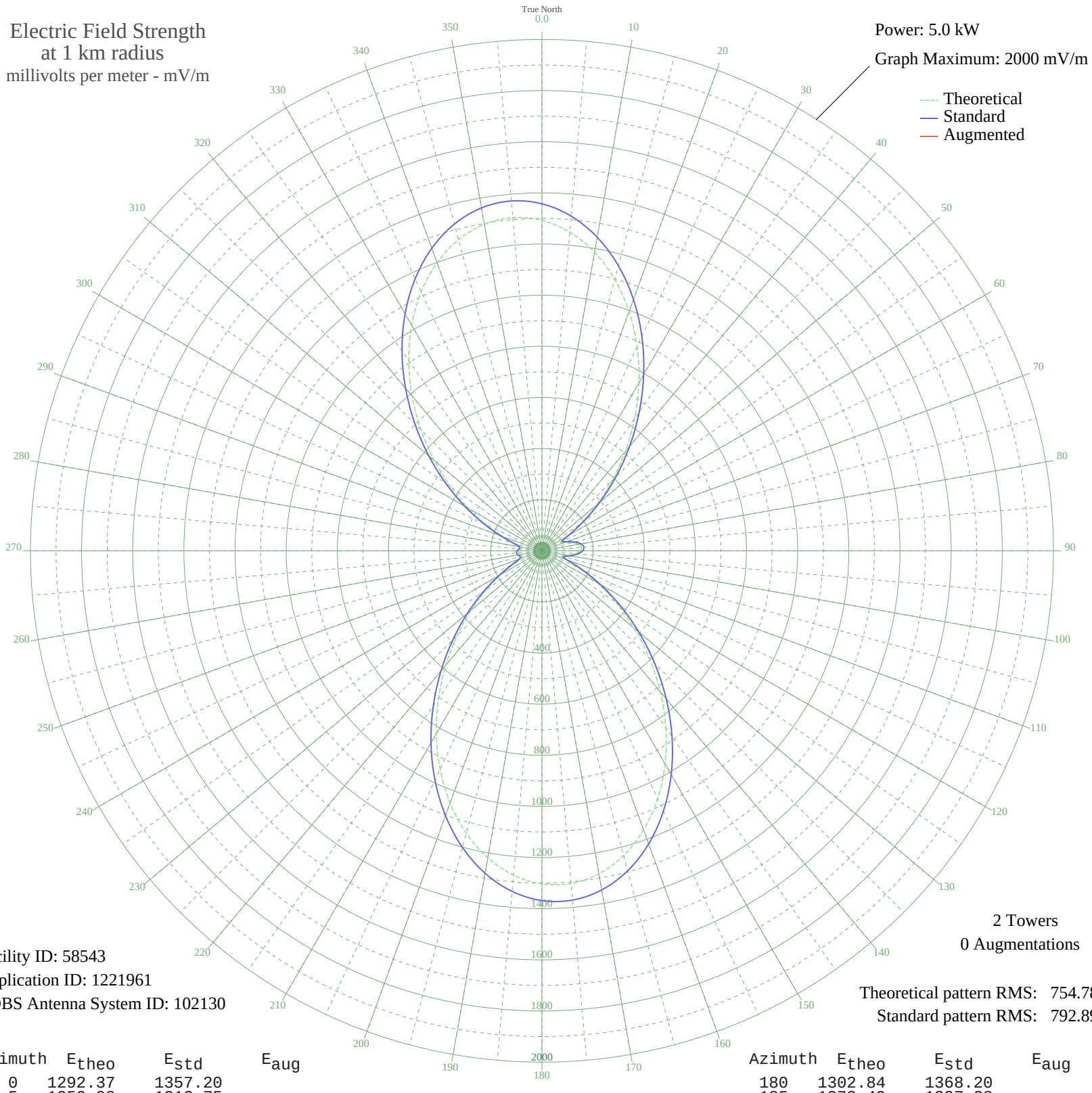
WFEA MANCHESTER, NH BML-20071127AED 1370 kHz

Nighttime



Facility ID: 58543
Application ID: 1221961
CDBS Antenna System ID: 102130

2 Towers
0 Augmentations

Theoretical pattern RMS: 754.78
Standard pattern RMS: 792.89

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1292.37	1357.20	
5	1250.98	1313.75	
10	1185.61	1245.13	
15	1099.33	1154.55	
20	996.09	1046.18	
25	880.44	924.79	
30	757.20	795.43	
35	631.14	663.14	
40	506.81	532.70	
45	388.38	408.52	
50	279.76	294.75	
55	185.27	196.05	
60	112.45	120.55	
65	79.99	87.44	
70	95.74	103.43	
75	124.55	133.02	
80	146.06	155.28	
85	155.00	164.55	
90	150.16	159.53	
95	132.15	140.87	
100	104.45	112.33	
105	80.95	88.40	
110	97.24	104.96	
115	160.61	170.38	
120	249.70	263.31	
125	354.58	373.11	
130	470.48	494.60	
135	593.46	623.61	
140	719.46	755.83	
145	844.05	886.58	
150	962.49	1010.90	
155	1069.94	1123.70	
160	1161.76	1220.09	
165	1233.77	1295.68	
170	1282.61	1346.96	
175	1305.98	1371.49	

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.

15 Mar 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1302.84	1368.20	
185	1273.49	1337.38	
190	1219.53	1280.74	
195	1143.77	1201.20	
200	1049.92	1102.68	
205	942.38	989.80	
210	825.87	867.50	
215	705.15	740.80	
220	584.76	614.48	
225	468.87	492.91	
230	361.15	379.99	
235	264.95	279.26	
240	183.66	194.37	
245	121.83	130.22	
250	86.60	94.13	
255	80.32	87.77	
260	87.51	95.05	
265	92.36	99.98	
270	89.63	97.20	
275	82.00	89.46	
280	82.06	89.53	
285	108.11	116.09	
290	162.79	172.66	
295	238.83	251.94	
300	330.94	348.33	
305	435.54	457.96	
310	549.35	577.33	
315	668.80	702.66	
320	789.88	829.73	
325	908.15	953.87	
330	1018.88	1070.11	
335	1117.32	1173.44	
340	1198.94	1259.12	
345	1259.78	1322.99	
350	1296.74	1361.79	
355	1307.83	1373.44	