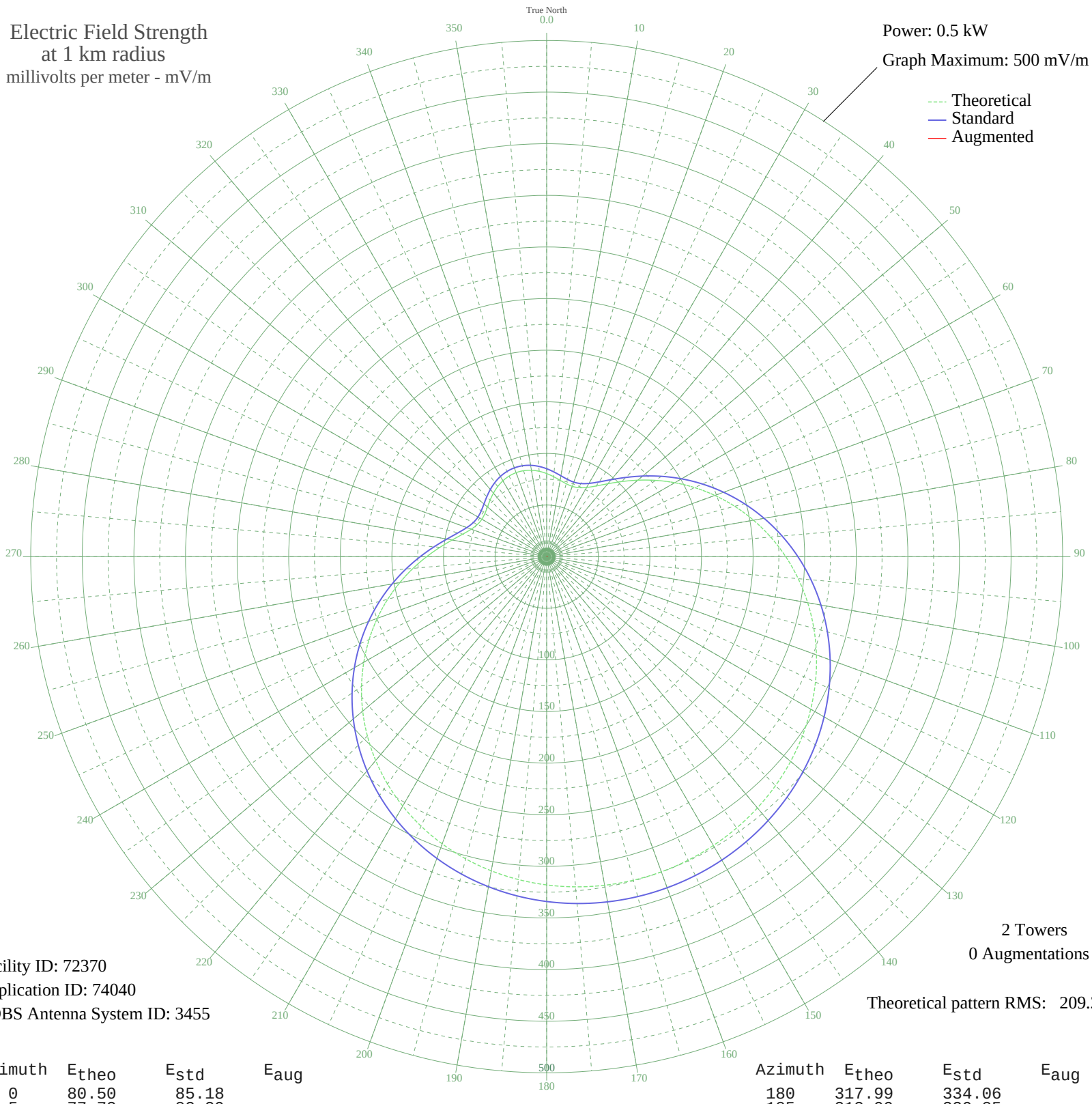
WTMZ DORCHESTER TERR.-BRE, SC BL-19841114AB 910 kHz

Nighttime

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



Power: 0.5 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 72370
Application ID: 74040
CDBS Antenna System ID: 3455

Theoretical pattern RMS: 209.20

Azimuth	E_{theo}	E_{std}	E_{aug}
0	80.50	85.18	
5	77.73	82.29	
10	75.10	79.56	
15	73.15	77.52	
20	72.50	76.84	
25	73.76	78.16	
30	77.41	81.95	
35	83.60	88.40	
40	92.20	97.38	
45	102.89	108.55	
50	115.24	121.46	
55	128.84	135.69	
60	143.30	150.83	
65	158.27	166.52	
70	173.46	182.44	
75	188.61	198.32	
80	203.49	213.92	
85	217.90	229.03	
90	231.68	243.49	
95	244.69	257.14	
100	256.83	269.87	
105	268.02	281.61	
110	278.20	292.30	
115	287.36	301.91	
120	295.46	310.41	
125	302.53	317.83	
130	308.58	324.18	
135	313.63	329.47	
140	317.71	333.76	
145	320.85	337.06	
150	323.08	339.40	
155	324.43	340.81	
160	324.90	341.31	
165	324.50	340.89	
170	323.22	339.55	
175	321.06	337.28	

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

Azimuth	E_{theo}	E_{std}	E_{aug}
180	317.99	334.06	
185	313.99	329.85	
190	309.02	324.64	
195	303.05	318.38	
200	296.07	311.05	
205	288.04	302.63	
210	278.97	293.11	
215	268.87	282.51	
220	257.76	270.85	
225	245.69	258.19	
230	232.75	244.61	
235	219.02	230.22	
240	204.66	215.15	
245	189.81	199.58	
250	174.68	183.71	
255	159.48	167.78	
260	144.48	152.07	
265	129.97	136.87	
270	116.29	122.56	
275	103.82	109.52	
280	92.99	98.20	
285	84.20	89.03	
290	77.81	82.37	
295	73.96	78.37	
300	72.52	76.87	
305	73.04	77.41	
310	74.91	79.36	
315	77.51	82.06	
320	80.29	84.95	
325	82.83	87.61	
330	84.85	89.71	
335	86.15	91.06	
340	86.61	91.55	
345	86.21	91.13	
350	84.98	89.85	
355	83.02	87.80	