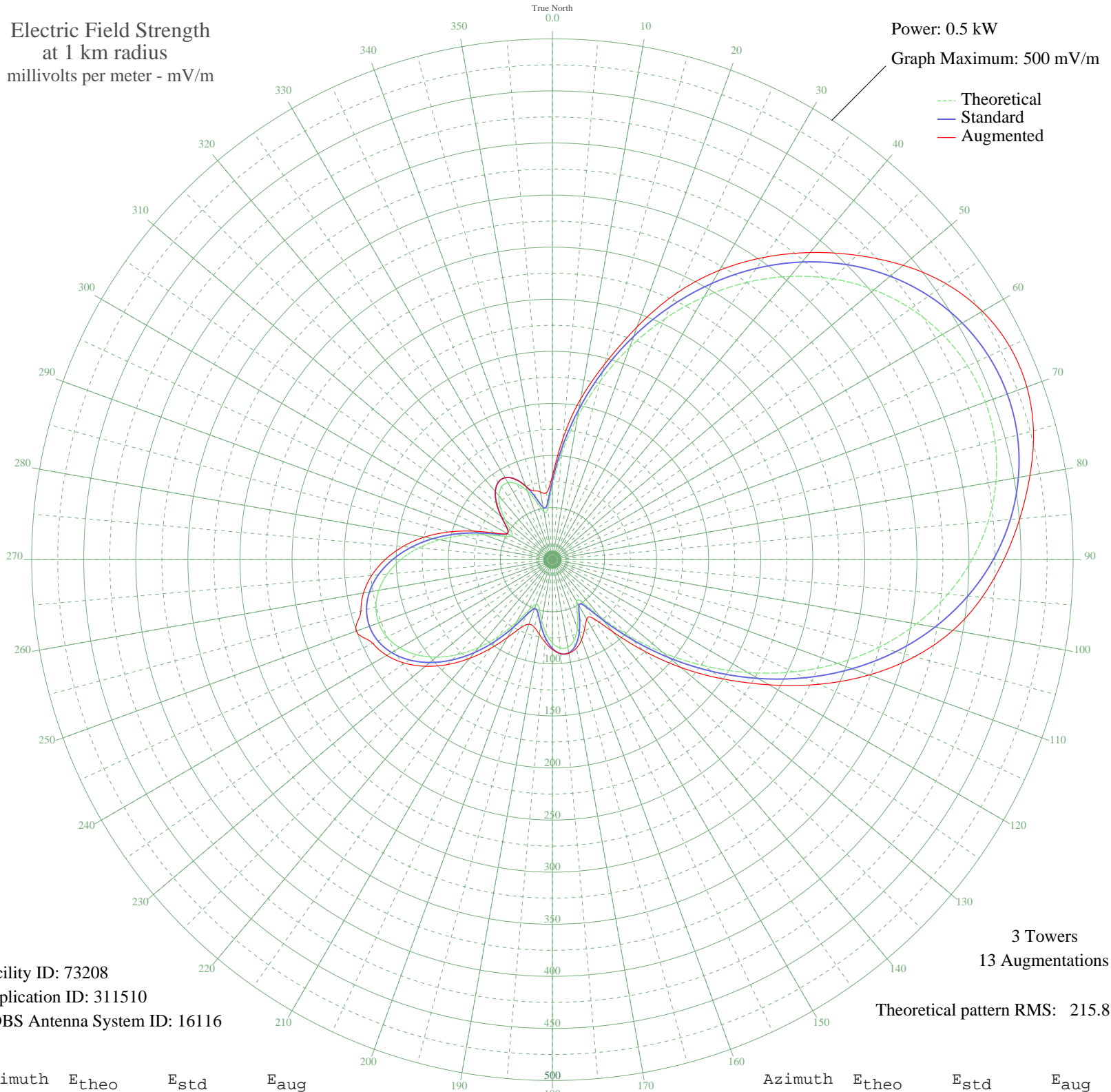


# WLIK NEWPORT, TN BL-- 1270 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 73208  
Application ID: 311510  
CDBS Antenna System ID: 16116

3 Towers  
13 Augmentations  
Theoretical pattern RMS: 215.81

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	70.90	75.89	80.47
5	102.48	108.61	117.02
10	138.97	146.66	156.81
15	177.62	187.09	194.62
20	216.72	228.03	237.82
25	254.95	268.11	282.25
30	291.27	306.19	320.74
35	324.83	341.39	354.28
40	354.95	372.99	384.89
45	381.11	400.44	413.27
50	402.93	423.33	439.66
55	420.12	441.37	461.65
60	432.51	454.38	476.73
65	439.99	462.23	484.46
70	442.49	464.85	484.82
75	439.99	462.23	478.21
80	432.51	454.38	465.64
85	420.12	441.37	450.42
90	402.93	423.33	433.47
95	381.11	400.44	414.19
100	354.95	372.99	390.56
105	324.83	341.39	360.04
110	291.27	306.19	323.69
115	254.95	268.11	282.93
120	216.72	228.03	240.31
125	177.62	187.09	199.53
130	138.97	146.66	160.86
135	102.48	108.61	123.43
140	70.90	75.89	90.64
145	49.68	54.21	69.04
150	46.35	50.85	65.98
155	56.95	61.59	73.23
160	70.09	75.05	81.83
165	80.17	85.46	88.21
170	85.34	90.81	91.22
175	85.16	90.63	90.63

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	79.94	85.23	86.25
185	70.64	75.63	79.73
190	59.09	63.77	72.63
195	48.76	53.28	67.14
200	45.57	50.07	65.98
205	53.68	58.26	72.33
210	70.02	74.98	86.23
215	89.75	95.39	104.32
220	109.94	116.38	123.70
225	128.90	136.15	142.43
230	145.56	153.55	159.24
235	159.18	167.79	173.24
240	169.24	178.32	183.72
245	175.41	184.77	190.21
250	177.49	186.95	200.52
255	175.41	184.77	190.33
260	169.24	178.32	184.19
265	159.18	167.79	174.18
270	145.56	153.55	160.65
275	128.90	136.15	144.17
280	109.94	116.38	124.81
285	89.75	95.39	102.81
290	70.02	74.98	79.99
295	53.68	58.26	60.08
300	45.57	50.07	50.07
305	48.76	53.28	53.28
310	59.09	63.77	63.77
315	70.64	75.63	75.63
320	79.94	85.23	85.23
325	85.16	90.63	90.63
330	85.34	90.81	90.81
335	80.17	85.46	85.46
340	70.09	75.05	75.05
345	56.95	61.59	68.39
350	46.35	50.85	65.98
355	49.68	54.21	64.65