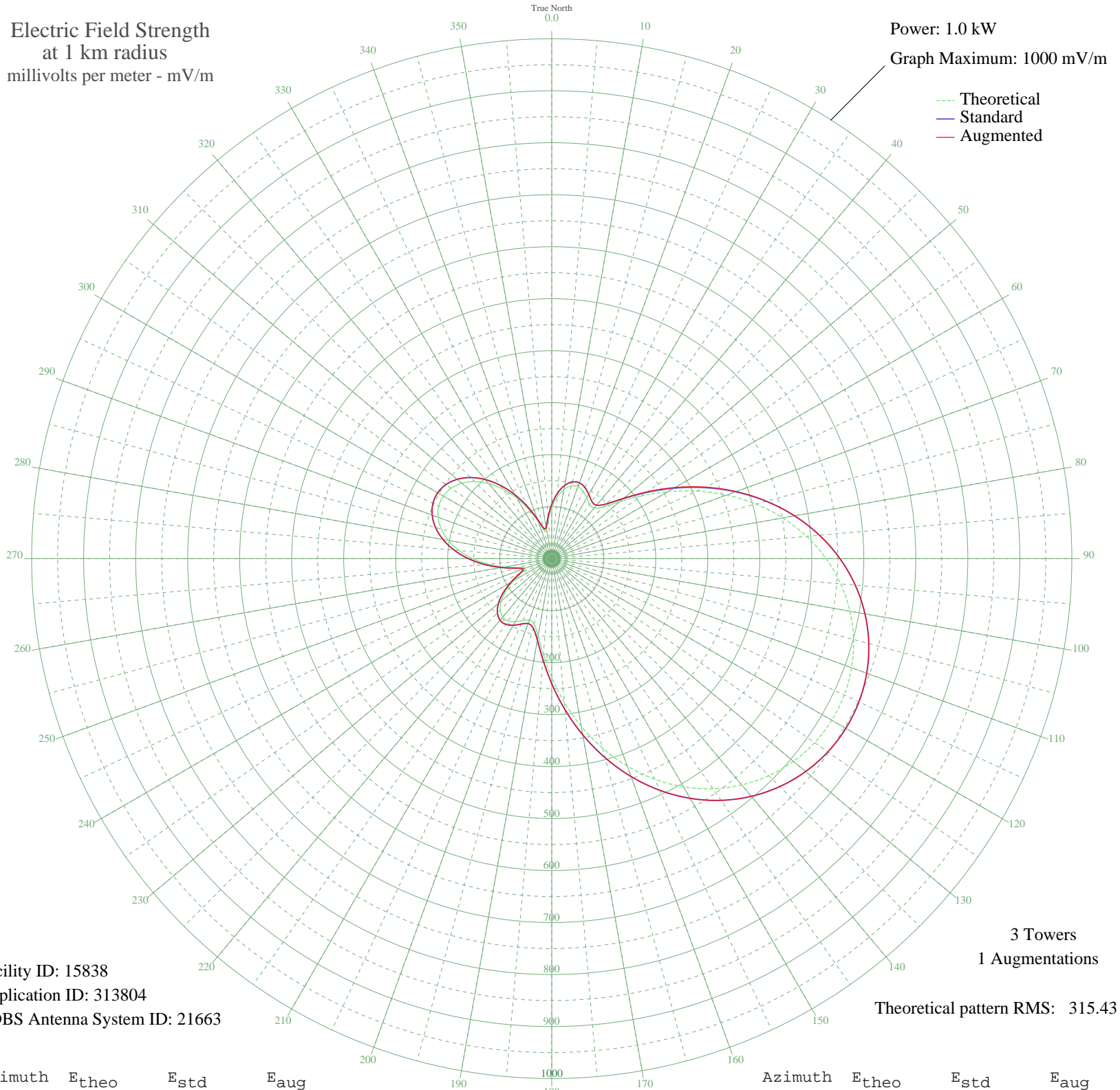


WLXN LEXINGTON, NC BL-- 1440 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 15838
Application ID: 313804
CDBS Antenna System ID: 21663

3 Towers
1 Augmentations

Theoretical pattern RMS: 315.43

Azimuth	E _{theo}	E _{std}	E _{aug}
0	98.31	104.32	104.32
5	119.35	126.23	126.23
10	135.32	142.89	142.89
15	144.72	152.70	152.70
20	147.08	155.17	155.17
25	143.06	150.97	150.97
30	134.93	142.48	142.48
35	127.24	134.45	134.45
40	127.04	134.24	134.28
45	140.89	148.71	149.65
50	169.93	179.06	181.35
55	210.32	221.35	224.49
60	257.40	270.69	273.89
65	307.43	323.15	325.77
70	357.65	375.84	377.56
75	406.05	426.62	427.45
80	451.15	473.95	474.16
85	491.89	516.71	516.71
90	527.57	554.16	554.16
95	557.76	585.84	585.84
100	582.20	611.50	611.50
105	600.82	631.04	631.04
110	613.60	644.46	644.46
115	620.56	651.76	651.76
120	621.71	652.97	652.97
125	617.08	648.11	648.11
130	606.63	637.14	637.14
135	590.35	620.05	620.05
140	568.23	596.83	596.83
145	540.32	567.54	567.54
150	506.80	532.36	532.36
155	468.02	491.65	491.65
160	424.56	446.04	446.04
165	377.33	396.48	396.48
170	327.62	344.33	344.33
175	277.23	291.48	291.48

Azimuth	E _{theo}	E _{std}	E _{aug}
180	228.58	240.49	240.49
185	185.00	194.83	194.83
190	150.84	159.10	159.10
195	130.68	138.04	138.04
200	125.82	132.97	132.97
205	131.45	138.85	138.85
210	140.11	147.89	147.89
215	146.15	154.20	154.20
220	146.50	154.56	154.56
225	139.92	147.69	147.69
230	126.46	133.64	133.64
235	107.19	113.55	113.55
240	84.41	89.90	89.90
245	63.01	67.86	67.86
250	53.76	58.43	58.43
255	66.22	71.15	71.15
260	92.34	98.13	98.13
265	122.40	129.40	129.40
270	151.93	160.24	160.24
275	178.78	188.33	188.33
280	201.67	212.29	212.29
285	219.77	231.25	231.25
290	232.51	244.60	244.60
295	239.56	251.99	251.99
300	240.74	253.23	253.23
305	236.03	248.29	248.29
310	225.53	237.29	237.29
315	209.52	220.52	220.52
320	188.47	198.47	198.47
325	163.08	171.90	171.90
330	134.42	141.95	141.95
335	104.22	110.47	110.47
340	75.72	80.93	80.93
345	56.26	60.97	60.97
350	57.02	61.75	61.75
355	75.25	80.44	80.44

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