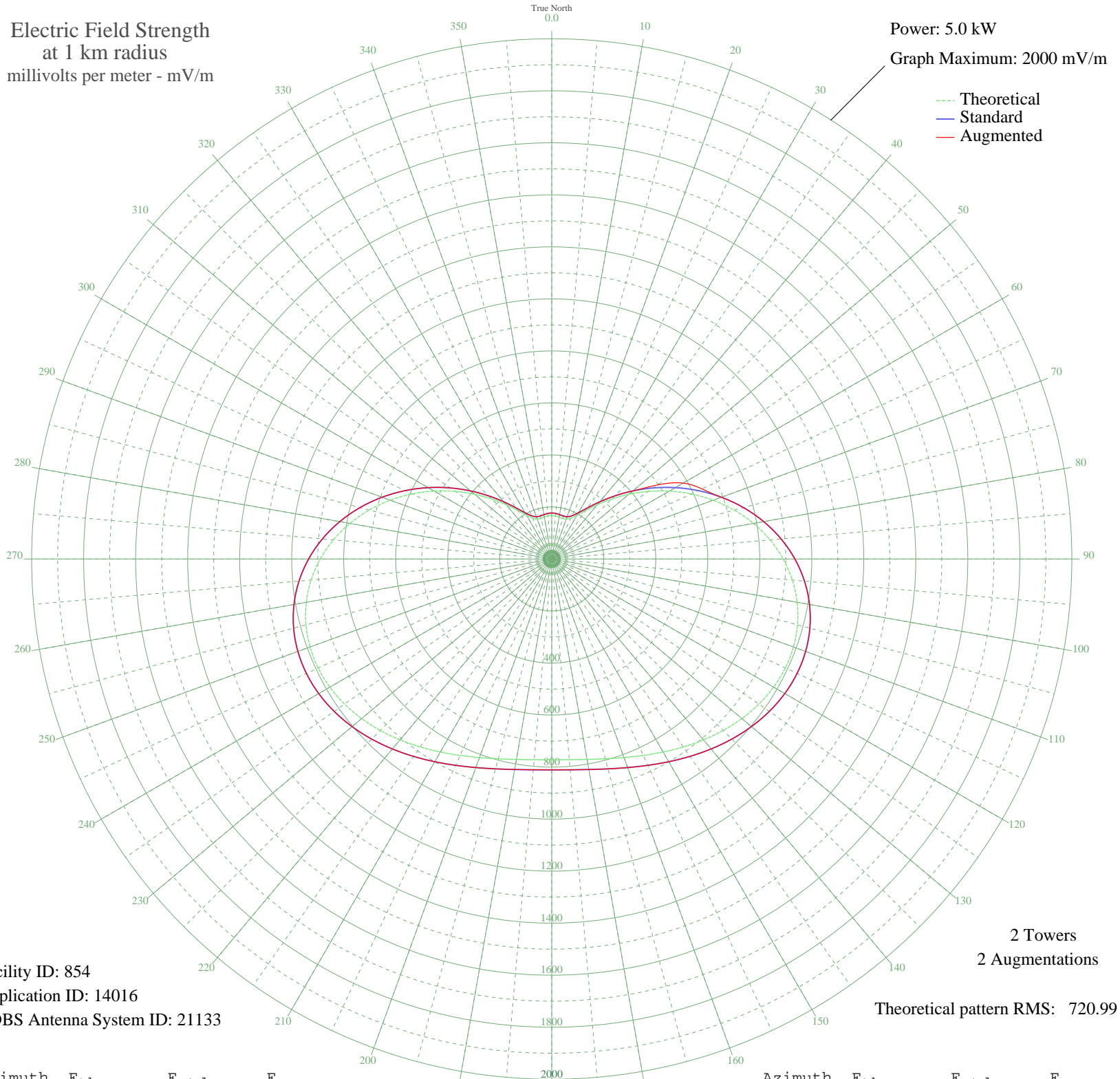


# WNGL MOBILE, AL BL-19791001AH 1410 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 854  
Application ID: 14016  
CDBS Antenna System ID: 21133

2 Towers  
2 Augmentations  
Theoretical pattern RMS: 720.99

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	166.93	176.84	177.03
5	165.89	175.76	175.76
10	163.40	173.17	173.17
15	161.44	171.13	171.13
20	163.35	173.12	173.12
25	173.19	183.36	183.36
30	194.22	205.28	205.28
35	227.51	240.04	240.04
40	272.09	286.65	286.65
45	325.98	343.08	343.08
50	387.00	407.03	407.03
55	453.04	476.27	496.50
60	522.02	548.62	583.39
65	591.93	621.97	637.59
70	660.79	694.23	694.23
75	726.71	763.40	763.40
80	787.91	827.64	827.64
85	842.82	885.27	885.27
90	890.13	934.93	934.93
95	928.84	975.57	975.57
100	958.33	1006.52	1006.52
105	978.37	1027.55	1027.55
110	989.11	1038.83	1038.83
115	991.09	1040.91	1040.91
120	985.17	1034.69	1034.69
125	972.48	1021.38	1021.38
130	954.36	1002.35	1002.35
135	932.24	979.14	979.14
140	907.64	953.31	953.31
145	882.01	926.41	926.41
150	856.77	899.91	899.91
155	833.17	875.14	875.14
160	812.32	853.26	853.26
165	795.15	835.23	835.23
170	782.36	821.82	821.82
175	774.48	813.55	813.55

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	771.82	810.76	810.76
185	774.48	813.55	813.55
190	782.36	821.82	821.82
195	795.15	835.23	835.23
200	812.32	853.26	853.26
205	833.17	875.14	875.14
210	856.77	899.91	899.91
215	882.01	926.41	926.41
220	907.64	953.31	953.31
225	932.24	979.14	979.14
230	954.36	1002.35	1002.35
235	972.48	1021.38	1021.38
240	985.17	1034.69	1034.69
245	991.09	1040.91	1040.91
250	989.11	1038.83	1038.83
255	978.37	1027.55	1027.55
260	958.33	1006.52	1006.52
265	928.84	975.57	975.57
270	890.13	934.93	934.93
275	842.82	885.27	885.27
280	787.91	827.64	827.64
285	726.70	763.40	763.40
290	660.79	694.22	694.22
295	591.93	621.97	621.97
300	522.02	548.62	548.62
305	453.04	476.27	476.27
310	387.00	407.03	407.03
315	325.97	343.08	343.08
320	272.08	286.65	286.65
325	227.51	240.04	240.04
330	194.22	205.28	205.28
335	173.19	183.36	183.36
340	163.35	173.12	173.12
345	161.44	171.13	171.13
350	163.40	173.17	173.17
355	165.89	175.76	175.76

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission