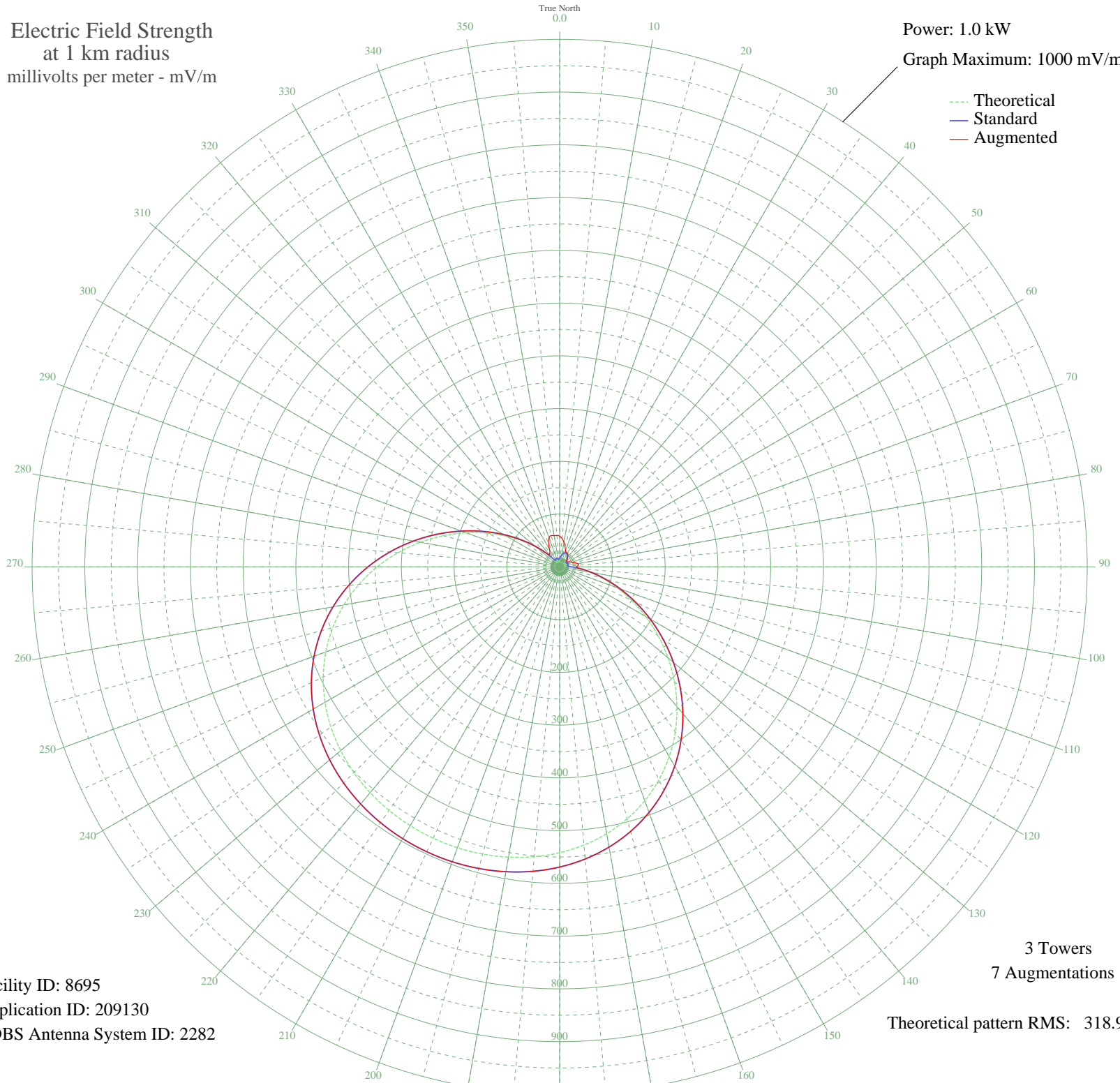


# WNTM MOBILE, AL BL-19950517AB 710 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 8695  
Application ID: 209130  
CDBS Antenna System ID: 2282

3 Towers  
7 Augmentations

Theoretical pattern RMS: 318.95

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	11.53	16.02	58.21
5	15.39	19.27	53.66
10	19.46	22.97	47.00
15	22.84	26.18	39.38
20	25.04	28.31	32.77
25	25.80	29.05	30.00
30	25.04	28.31	29.22
35	22.84	26.18	26.98
40	19.46	22.97	23.59
45	15.39	19.27	19.98
50	11.53	16.02	17.67
55	9.44	14.44	16.82
60	10.17	14.98	18.05
65	12.17	16.54	22.91
70	13.40	17.55	25.50
75	12.72	16.99	29.56
80	10.15	14.96	34.99
85	9.85	14.74	35.35
90	19.07	22.61	31.51
95	35.67	38.90	39.10
100	57.79	61.58	61.58
105	84.79	89.64	89.64
110	116.09	122.34	122.34
115	150.98	158.88	158.88
120	188.59	198.30	198.30
125	227.92	239.55	239.55
130	267.92	281.52	281.52
135	307.56	323.11	323.11
140	345.85	363.30	363.30
145	381.98	401.22	401.22
150	415.28	436.17	436.17
155	445.28	467.66	467.66
160	471.69	495.39	495.39
165	494.44	519.27	519.27
170	513.58	539.36	539.36
175	529.30	555.86	555.86

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 <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	541.86	569.05	569.05
185	551.58	579.25	579.25
190	558.75	586.78	586.78
195	563.65	591.93	591.93
200	566.50	594.92	594.92
205	567.44	595.90	595.90
210	566.50	594.92	594.92
215	563.65	591.93	591.93
220	558.75	586.78	586.78
225	551.58	579.25	579.25
230	541.86	569.05	569.05
235	529.30	555.86	555.86
240	513.58	539.36	539.36
245	494.44	519.27	519.27
250	471.69	495.39	495.39
255	445.28	467.66	467.66
260	415.28	436.17	436.17
265	381.98	401.22	401.22
270	345.85	363.30	363.30
275	307.56	323.10	323.10
280	267.92	281.52	281.52
285	227.92	239.55	239.55
290	188.59	198.30	198.30
295	150.98	158.88	158.88
300	116.09	122.34	122.34
305	84.78	89.64	89.64
310	57.79	61.58	61.58
315	35.67	38.90	39.07
320	19.07	22.61	30.03
325	9.85	14.74	32.61
330	10.15	14.96	38.42
335	12.72	16.99	49.27
340	13.40	17.55	58.54
345	12.17	16.54	61.58
350	10.17	14.98	60.00
355	9.44	14.44	59.99