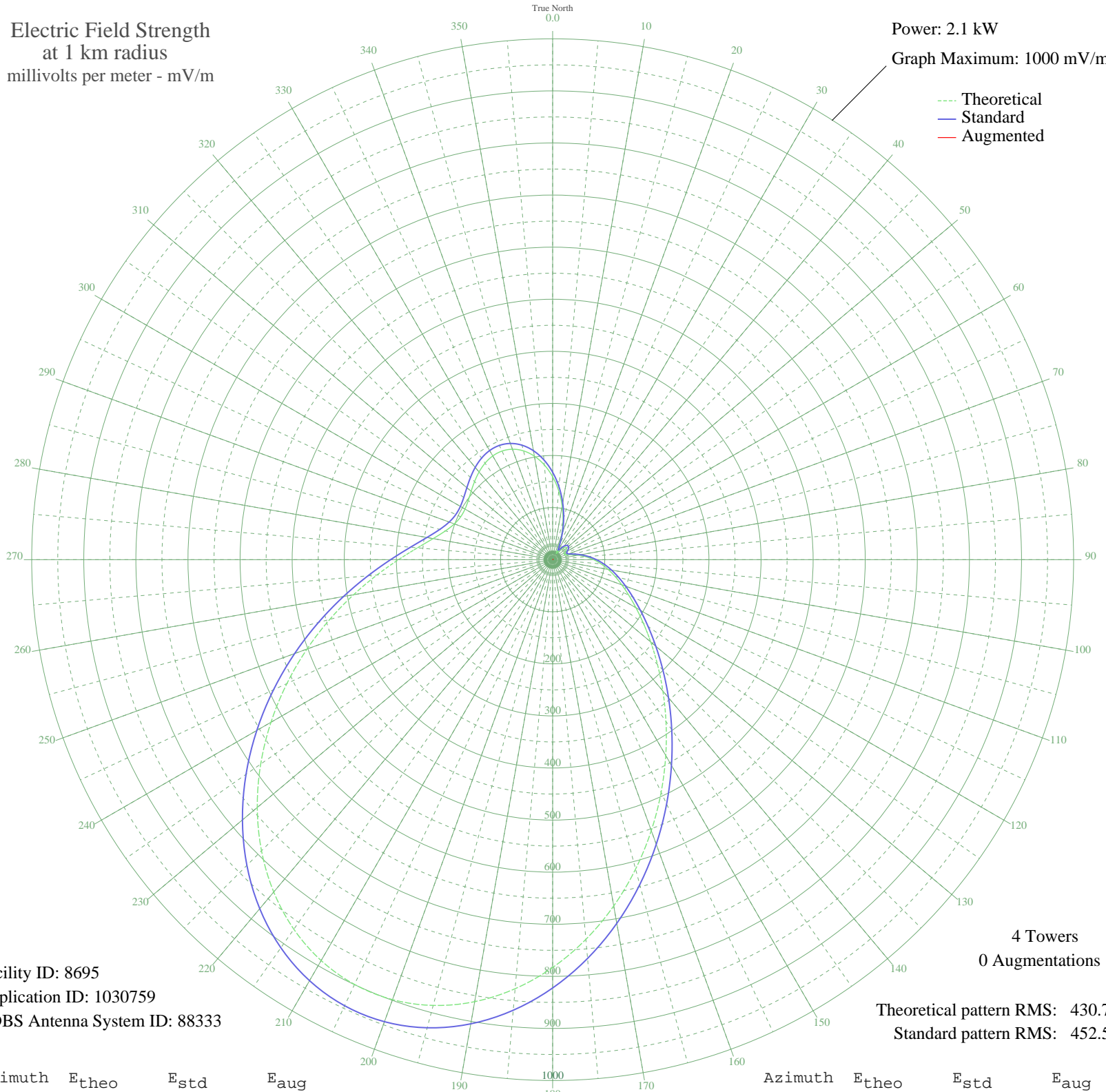


WNTM MOBILE, AL BP-20021010AAH 710 kHz

Nighttime

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

Power: 2.1 kW
Graph Maximum: 1000 mV/m



Facility ID: 8695
Application ID: 1030759
CDBS Antenna System ID: 88333

4 Towers
0 Augmentations

Theoretical pattern RMS: 430.70
Standard pattern RMS: 452.50

Azimuth	E _{theo}	E _{std}	E _{aug}
0	159.15	167.80	
5	132.77	140.23	
10	104.68	110.96	
15	76.41	81.66	
20	49.66	54.32	
25	26.62	31.82	
30	13.54	20.82	
35	19.64	25.63	
40	28.81	33.86	
45	34.11	38.91	
50	34.97	39.74	
55	32.12	37.00	
60	27.36	32.51	
65	24.24	29.65	
70	27.34	32.49	
75	36.89	41.62	
80	49.82	54.48	
85	64.02	68.93	
90	78.59	83.91	
95	93.25	99.09	
100	108.19	114.61	
105	123.93	131.02	
110	141.26	149.10	
115	161.14	169.88	
120	184.58	194.40	
125	212.51	223.65	
130	245.68	258.41	
135	284.53	299.15	
140	329.16	345.95	
145	379.26	398.52	
150	434.15	456.11	
155	492.73	517.59	
160	553.60	581.48	
165	615.03	645.96	
170	675.11	709.03	
175	731.79	768.53	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	783.04	822.33	
185	826.91	868.39	
190	861.70	904.91	
195	886.03	930.46	
200	898.92	943.99	
205	899.84	944.96	
210	888.78	933.34	
215	866.18	909.61	
220	832.94	874.72	
225	790.39	830.05	
230	740.16	777.32	
235	684.14	718.51	
240	624.35	655.74	
245	562.87	591.21	
250	501.75	527.06	
255	442.91	465.31	
260	388.06	407.75	
265	338.67	355.93	
270	295.89	311.06	
275	260.51	273.96	
280	232.95	245.07	
285	213.17	224.35	
290	200.73	211.31	
295	194.79	205.09	
300	194.25	204.53	
305	197.84	208.29	
310	204.22	214.97	
315	211.99	223.11	
320	219.76	231.24	
325	226.16	237.96	
330	229.95	241.92	
335	230.05	242.03	
340	225.64	237.41	
345	216.25	227.57	
350	201.77	212.40	
355	182.50	192.23	

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