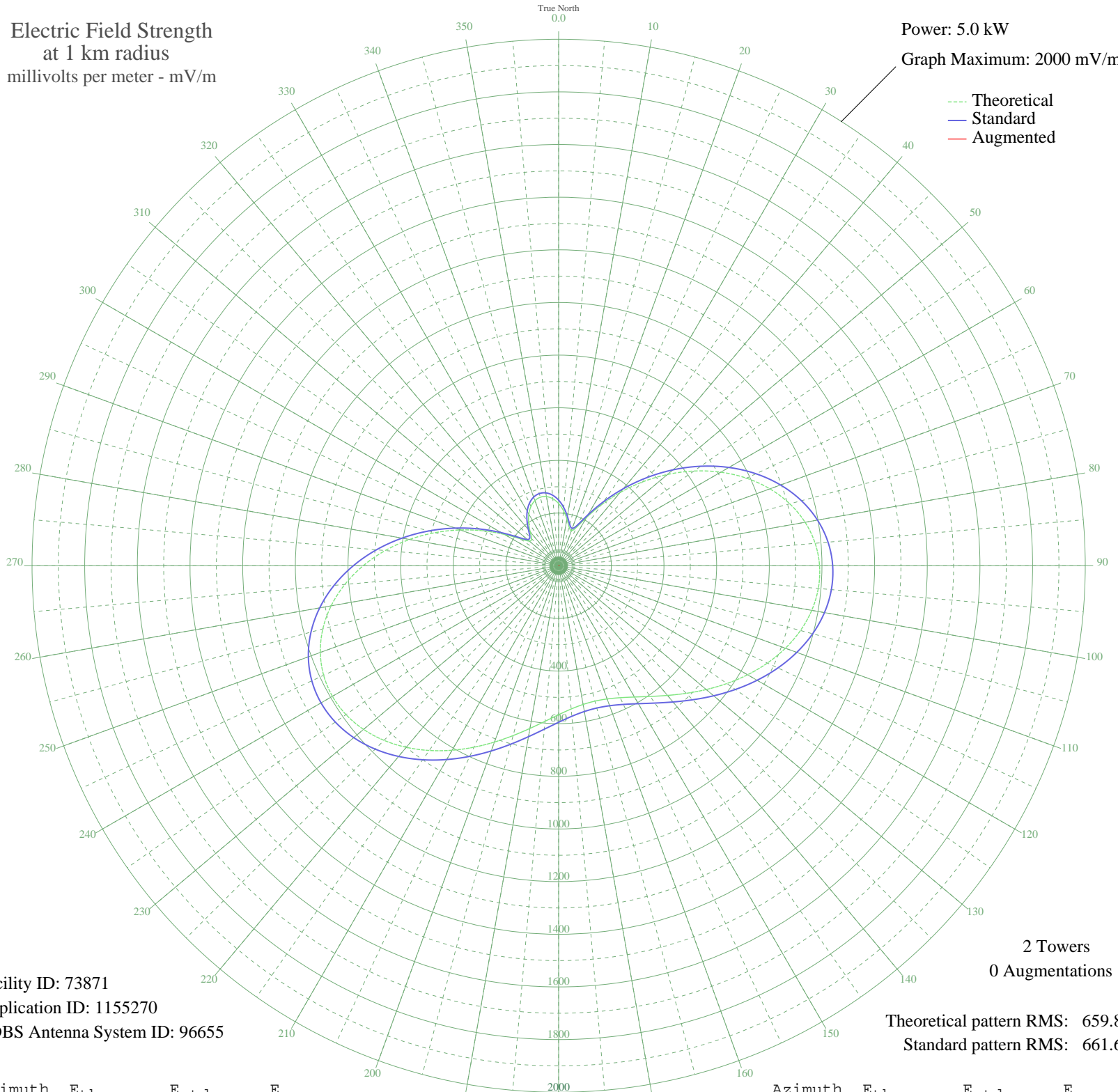


# WDPC DALLAS, GA BP-20060707AFP 1500 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 73871  
Application ID: 1155270  
CDBS Antenna System ID: 96655

2 Towers  
0 Augmentations

Theoretical pattern RMS: 659.83  
Standard pattern RMS: 661.68

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	236.21	249.13	
5	210.10	221.85	
10	180.10	190.56	
15	152.88	162.23	
20	141.86	150.80	
25	161.75	171.45	
30	211.94	223.77	
35	281.78	296.80	
40	362.90	381.77	
45	450.02	473.10	
50	539.22	566.67	
55	627.16	658.94	
60	710.75	746.66	
65	787.16	826.85	
70	853.88	896.88	
75	908.82	954.55	
80	950.47	998.27	
85	977.91	1027.08	
90	990.93	1040.74	
95	989.96	1039.72	
100	976.07	1025.14	
105	950.86	998.68	
110	916.33	962.44	
115	874.76	918.80	
120	828.55	870.30	
125	780.10	819.44	
130	731.69	768.64	
135	685.41	720.06	
140	643.05	675.62	
145	606.14	636.88	
150	575.87	605.12	
155	553.13	581.26	
160	538.55	565.96	
165	532.48	559.60	
170	535.09	562.33	
175	546.30	574.09	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	565.83	594.59	
185	593.18	623.28	
190	627.56	659.36	
195	667.90	701.69	
200	712.82	748.83	
205	760.61	798.99	
210	809.31	850.10	
215	856.70	899.84	
220	900.42	945.73	
225	938.04	985.23	
230	967.24	1015.87	
235	985.87	1035.43	
240	992.17	1042.04	
245	984.84	1034.35	
250	963.18	1011.61	
255	927.14	973.78	
260	877.37	921.53	
265	815.14	856.22	
270	742.33	779.80	
275	661.28	694.75	
280	574.73	603.92	
285	485.65	510.47	
290	397.27	417.79	
295	313.22	329.72	
300	238.08	251.08	
305	178.76	189.16	
310	145.70	154.78	
315	145.55	154.62	
320	168.30	178.27	
325	198.32	209.55	
330	226.47	238.95	
335	248.71	262.20	
340	263.26	277.41	
345	269.35	283.79	
350	266.73	281.05	
355	255.51	269.31	

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.

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27 Jun 2009

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission