

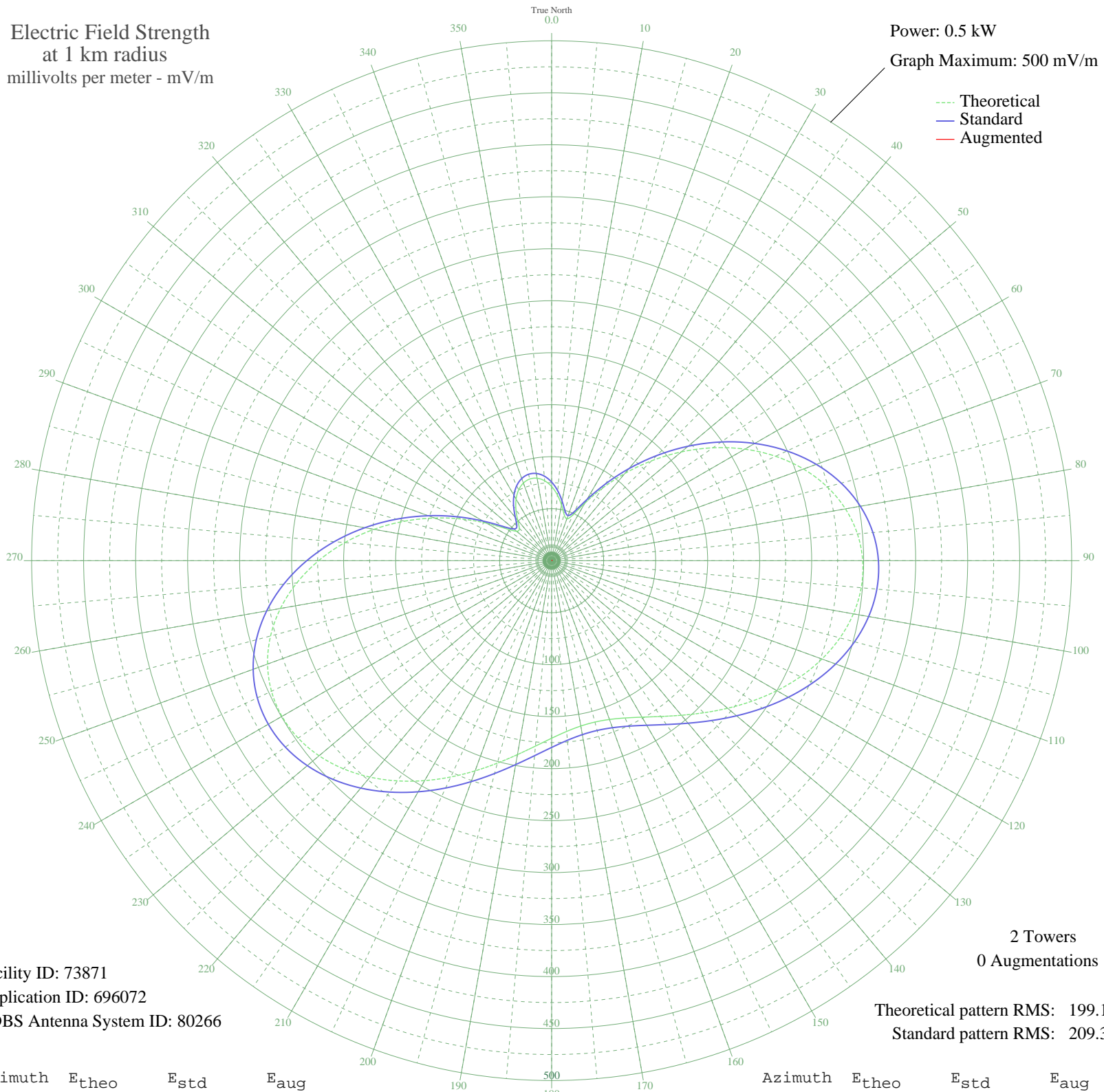
WDPC DALLAS, GA BL-20031014AQL 1500 kHz

Critical Hours

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 73871  
Application ID: 696072  
CDBS Antenna System ID: 80266

2 Towers  
0 Augmentations

Theoretical pattern RMS: 199.14  
Standard pattern RMS: 209.36

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	71.29	75.59	
5	63.41	67.40	
10	54.36	58.03	
15	46.14	49.57	
20	42.82	46.17	
25	48.82	52.32	
30	63.96	67.98	
35	85.04	89.91	
40	109.53	115.48	
45	135.82	143.00	
50	162.74	171.20	
55	189.28	199.02	
60	214.51	225.48	
65	237.57	249.67	
70	257.70	270.79	
75	274.29	288.19	
80	286.86	301.38	
85	295.14	310.07	
90	299.07	314.20	
95	298.77	313.89	
100	294.58	309.49	
105	286.97	301.51	
110	276.55	290.57	
115	264.01	277.41	
120	250.06	262.77	
125	235.44	247.43	
130	220.83	232.11	
135	206.86	217.46	
140	194.08	204.05	
145	182.94	192.37	
150	173.80	182.79	
155	166.94	175.60	
160	162.54	170.99	
165	160.71	169.07	
170	161.49	169.89	
175	164.87	173.44	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	170.77	179.62	
185	179.02	188.27	
190	189.40	199.15	
195	201.58	211.92	
200	215.13	226.13	
205	229.56	241.26	
210	244.25	256.68	
215	258.56	271.69	
220	271.75	285.53	
225	283.11	297.45	
230	291.92	306.69	
235	297.54	312.60	
240	299.44	314.59	
245	297.23	312.27	
250	290.69	305.41	
255	279.82	293.99	
260	264.79	278.23	
265	246.01	258.53	
270	224.04	235.47	
275	199.58	209.82	
280	173.46	182.43	
285	146.57	154.26	
290	119.90	126.33	
295	94.53	99.81	
300	71.85	76.17	
305	53.95	57.61	
310	43.97	47.35	
315	43.93	47.30	
320	50.79	54.36	
325	59.85	63.72	
330	68.35	72.53	
335	75.06	79.51	
340	79.45	84.08	
345	81.29	86.00	
350	80.50	85.18	
355	77.11	81.65	

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.

17 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission