

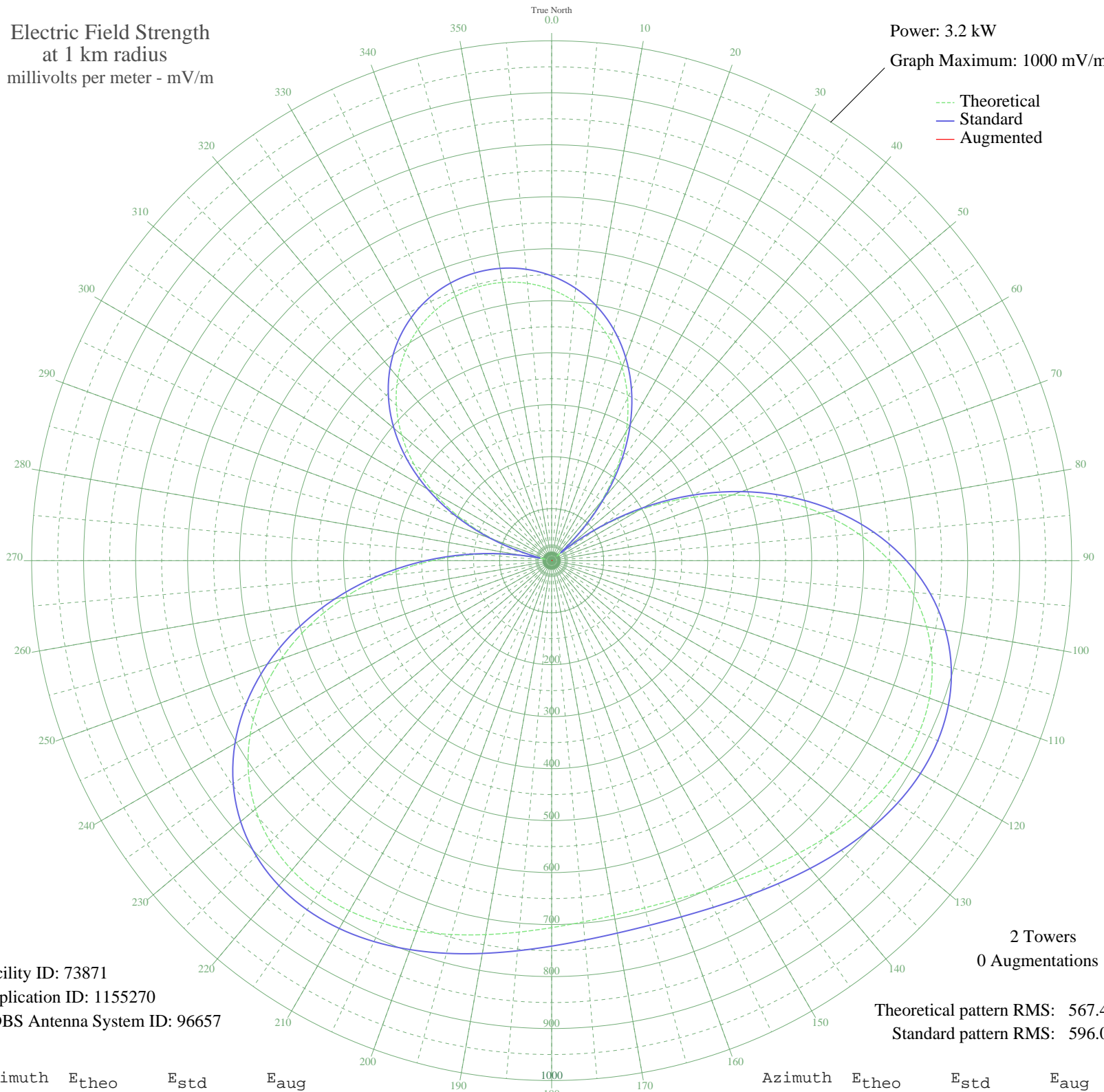
WDPC DALLAS, GA BP-20060707AFP 1500 kHz

Critical Hours

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

Power: 3.2 kW

Graph Maximum: 1000 mV/m



Facility ID: 73871
Application ID: 1155270
CDBS Antenna System ID: 96657

2 Towers
0 Augmentations

Theoretical pattern RMS: 567.40
Standard pattern RMS: 596.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	521.43	547.83	
5	500.77	526.14	
10	473.20	497.22	
15	438.34	460.64	
20	395.84	416.06	
25	345.48	363.24	
30	287.22	302.17	
35	221.29	233.11	
40	148.27	156.82	
45	69.38	75.23	
50	20.37	28.46	
55	104.94	111.78	
60	194.18	204.75	
65	283.14	297.89	
70	369.50	388.43	
75	451.13	474.05	
80	526.04	552.67	
85	592.61	622.52	
90	649.56	682.29	
95	696.12	731.17	
100	732.02	768.85	
105	757.47	795.57	
110	773.15	812.03	
115	780.12	819.34	
120	779.71	818.91	
125	773.48	812.37	
130	763.04	801.41	
135	750.03	787.75	
140	735.98	773.00	
145	722.28	758.62	
150	710.13	745.87	
155	700.49	735.76	
160	694.09	729.04	
165	691.38	726.19	
170	692.55	727.42	
175	697.51	732.63	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	705.92	741.46	
185	717.17	753.26	
190	730.38	767.13	
195	744.45	781.90	
200	758.06	796.18	
205	769.72	808.42	
210	777.83	816.93	
215	780.76	820.01	
220	776.91	815.97	
225	764.86	803.33	
230	743.43	780.82	
235	711.76	747.58	
240	669.46	703.18	
245	616.59	647.70	
250	553.75	581.74	
255	482.00	506.45	
260	402.84	423.40	
265	318.12	334.55	
270	229.93	242.16	
275	140.51	148.73	
280	52.57	58.31	
285	37.09	43.24	
290	117.31	124.60	
295	192.88	203.40	
300	261.74	275.47	
305	323.12	339.79	
310	376.65	395.93	
315	422.27	443.79	
320	460.15	483.53	
325	490.59	515.46	
330	513.97	540.00	
335	530.67	557.52	
340	541.02	568.38	
345	545.24	572.81	
350	543.44	570.92	
355	535.56	562.65	

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