

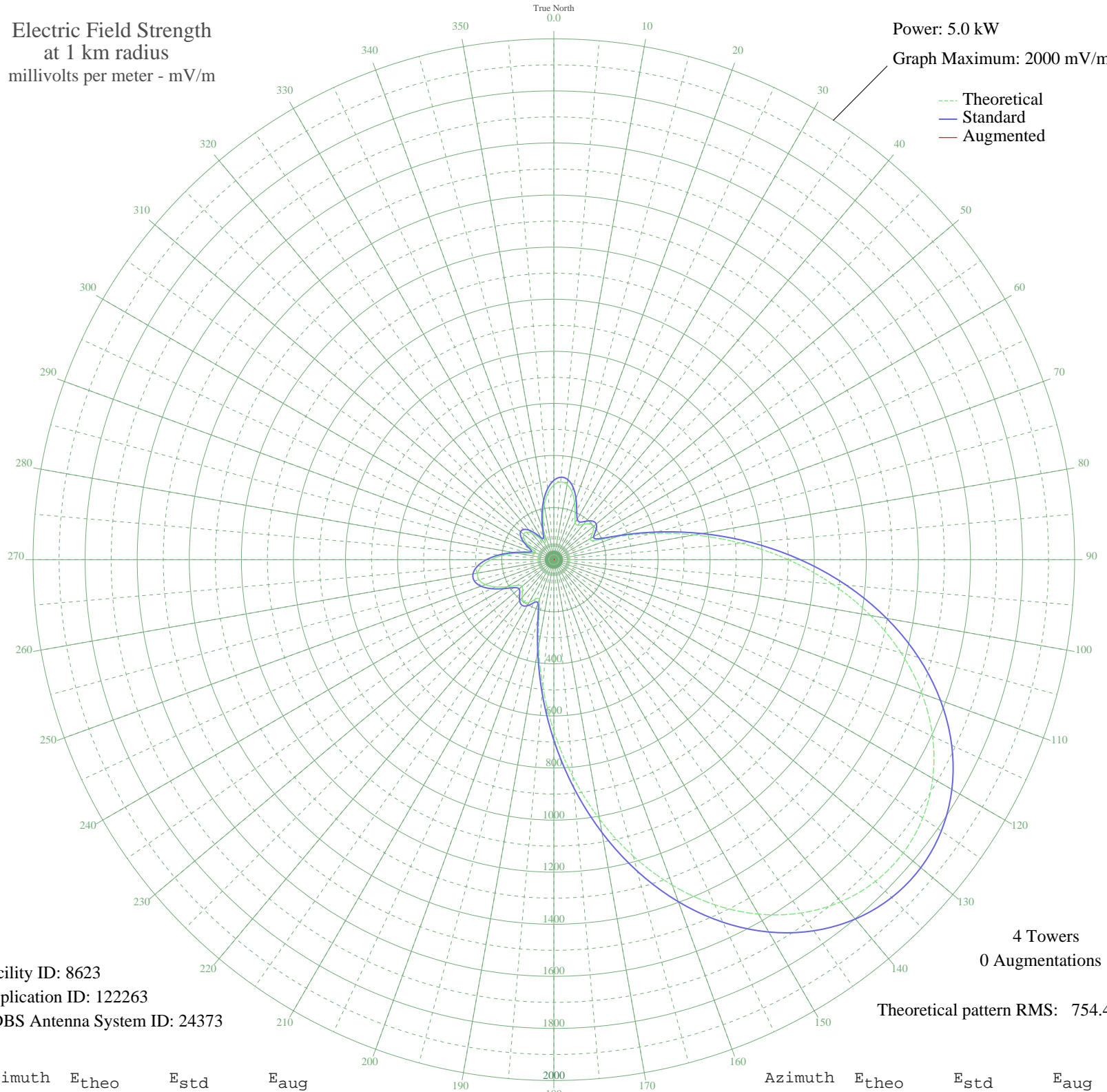
WDWD ATLANTA, GA BL-19890104AB 590 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 8623
Application ID: 122263
CDBS Antenna System ID: 24373

4 Towers
0 Augmentations

Theoretical pattern RMS: 754.40

Azimuth	E _{theo}	E _{std}	E _{aug}
0	286.37	304.56	
5	299.18	317.84	
10	293.14	311.57	
15	269.39	286.96	
20	232.73	249.10	
25	192.77	208.10	
30	164.61	179.48	
35	161.36	176.19	
40	177.51	192.55	
45	194.25	209.61	
50	197.20	212.62	
55	182.20	197.32	
60	161.41	176.24	
65	175.03	190.04	
70	256.08	273.19	
75	387.78	410.03	
80	547.87	577.29	
85	722.13	759.78	
90	900.14	946.38	
95	1073.45	1128.16	
100	1235.25	1297.92	
105	1380.20	1450.01	
110	1504.35	1580.31	
115	1604.98	1685.93	
120	1680.34	1765.02	
125	1729.39	1816.50	
130	1751.57	1839.79	
135	1746.70	1834.67	
140	1714.80	1801.19	
145	1656.20	1739.68	
150	1571.59	1650.88	
155	1462.25	1536.12	
160	1330.23	1397.58	
165	1178.70	1238.58	
170	1012.06	1063.77	
175	836.19	879.33	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	658.47	693.08	
185	487.98	514.65	
190	336.16	356.26	
195	219.61	235.61	
200	162.89	177.74	
205	167.68	182.58	
210	189.39	204.65	
215	198.24	213.69	
220	189.26	204.52	
225	170.61	185.55	
230	159.51	174.32	
235	172.33	187.29	
240	206.68	222.34	
245	246.93	263.74	
250	279.77	297.71	
255	297.48	316.07	
260	296.71	315.27	
265	277.39	295.24	
270	241.98	258.64	
275	194.95	210.33	
280	142.71	157.45	
285	95.42	111.25	
290	72.93	90.56	
295	88.22	104.49	
300	117.02	132.04	
305	140.41	155.16	
310	151.85	166.61	
315	149.30	164.05	
320	133.16	147.94	
325	106.68	122.00	
330	79.56	96.52	
335	76.51	93.76	
340	110.91	126.10	
345	161.60	176.43	
350	212.86	228.67	
355	256.34	273.46	

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 Aug 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission