

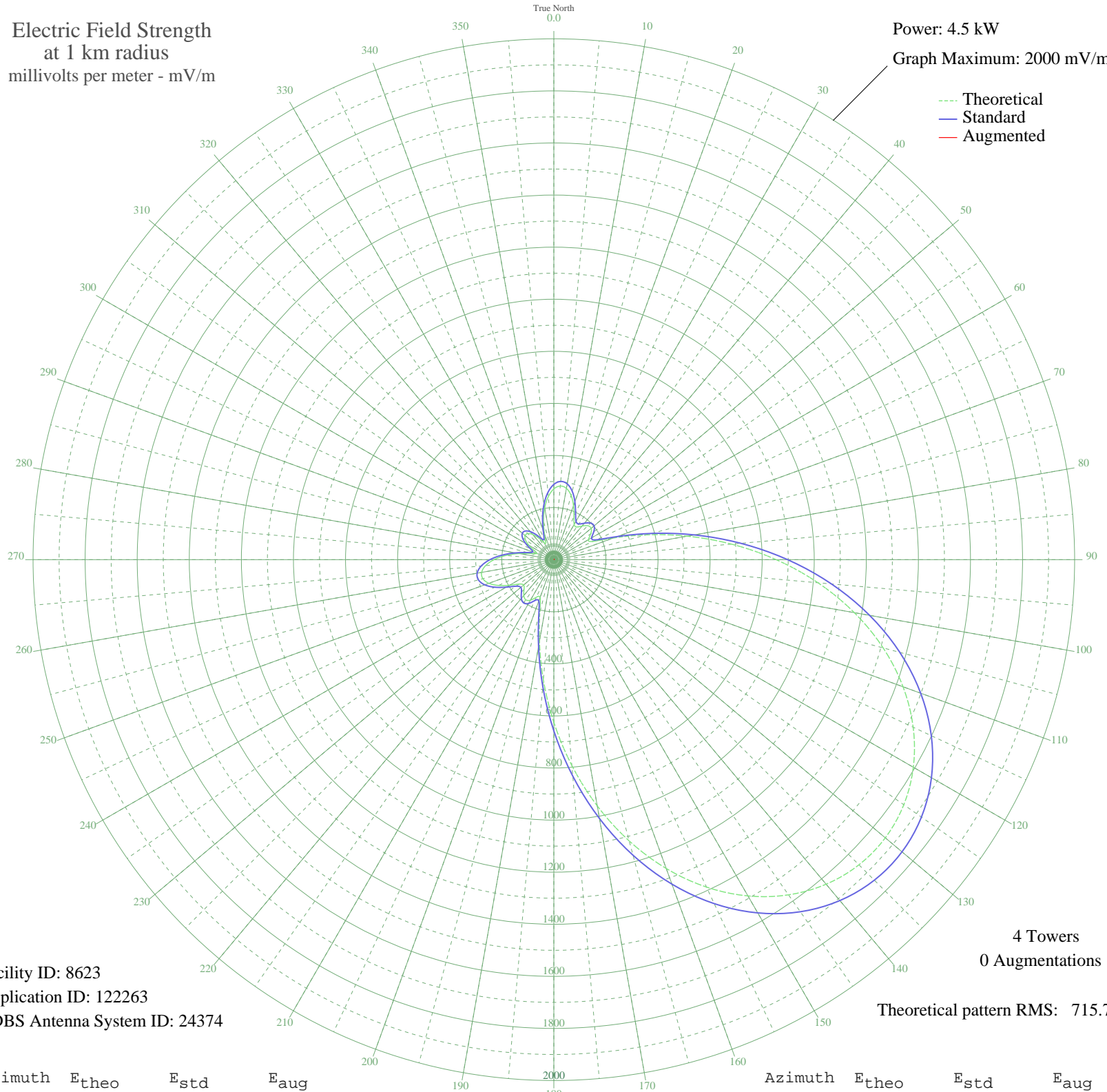
WDWD ATLANTA, GA BL-19890104AB 590 kHz

Nighttime

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

Power: 4.5 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 8623
Application ID: 122263
CDBS Antenna System ID: 24374

4 Towers
0 Augmentations

Theoretical pattern RMS: 715.70

Azimuth	E _{theo}	E _{std}	E _{aug}
0	271.68	288.93	
5	283.83	301.54	
10	278.10	295.59	
15	255.57	272.24	
20	220.79	236.32	
25	182.88	197.43	
30	156.17	170.27	
35	153.08	167.15	
40	168.40	182.67	
45	184.29	198.86	
50	187.08	201.72	
55	172.85	187.20	
60	153.13	167.20	
65	166.05	180.29	
70	242.94	259.18	
75	367.89	389.00	
80	519.76	547.68	
85	685.09	720.80	
90	853.96	897.83	
95	1018.39	1070.29	
100	1171.88	1231.33	
105	1309.39	1375.63	
110	1427.18	1499.24	
115	1522.65	1599.44	
120	1594.14	1674.48	
125	1640.67	1723.31	
130	1661.72	1745.41	
135	1657.10	1740.55	
140	1626.84	1708.79	
145	1571.24	1650.44	
150	1490.97	1566.19	
155	1387.23	1457.32	
160	1261.99	1325.89	
165	1118.23	1175.04	
170	960.14	1009.19	
175	793.29	834.22	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	624.69	657.53	
185	462.94	488.25	
190	318.91	337.98	
195	208.35	223.52	
200	154.54	168.62	
205	159.08	173.21	
210	179.67	194.15	
215	188.07	202.73	
220	179.55	194.03	
225	161.86	176.03	
230	151.32	165.38	
235	163.49	177.68	
240	196.08	210.93	
245	234.26	250.21	
250	265.42	282.44	
255	282.22	299.86	
260	281.49	299.10	
265	263.16	280.10	
270	229.57	245.37	
275	184.95	199.54	
280	135.38	149.37	
285	90.53	105.54	
290	69.19	85.91	
295	83.69	99.13	
300	111.01	125.26	
305	133.21	147.20	
310	144.06	158.07	
315	141.64	155.63	
320	126.33	140.35	
325	101.20	115.74	
330	75.48	91.57	
335	72.59	88.95	
340	105.22	119.63	
345	153.31	167.38	
350	201.94	216.94	
355	243.19	259.44	

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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Prepared by Audio Division, Media Bureau
Federal Communications Commission