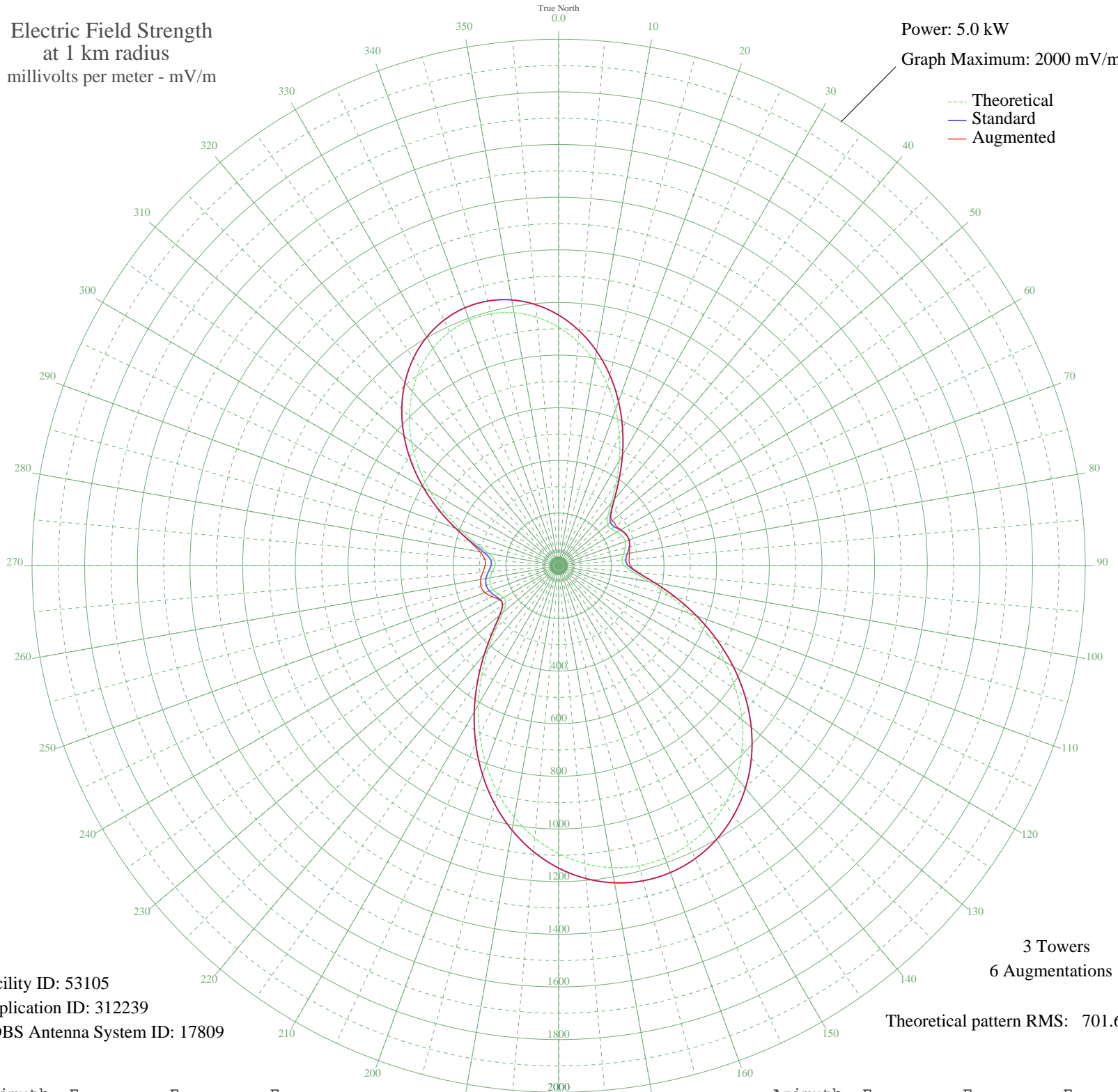


WTIK DURHAM, NC BL-- 1310 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 53105
Application ID: 312239
CDBS Antenna System ID: 17809

3 Towers
6 Augmentations

Theoretical pattern RMS: 701.67

Azimuth	Etheo	Estd	Eaug
0	906.15	952.14	952.14
5	852.57	895.93	895.93
10	787.86	828.03	828.03
15	713.60	750.15	750.15
20	632.03	664.61	664.61
25	546.17	574.61	574.61
30	460.11	484.46	484.46
35	379.34	399.93	399.93
40	311.07	328.60	329.42
45	263.65	279.17	282.27
50	242.52	257.17	266.80
55	243.78	258.48	265.73
60	255.52	270.70	273.44
65	266.20	281.81	282.45
70	269.08	284.82	284.82
75	262.56	278.03	279.53
80	250.14	265.11	273.49
85	241.12	255.72	268.44
90	249.46	264.39	272.79
95	286.01	302.46	303.84
100	350.40	369.67	369.67
105	434.58	457.72	457.72
110	529.92	557.58	557.58
115	629.57	662.03	662.03
120	728.36	765.62	765.62
125	822.37	864.24	864.24
130	908.69	954.80	954.80
135	985.13	1035.02	1035.02
140	1050.19	1103.29	1103.29
145	1102.82	1158.52	1158.52
150	1142.36	1200.02	1200.02
155	1168.43	1227.38	1227.38
160	1180.82	1240.39	1240.39
165	1179.44	1238.94	1238.94
170	1164.31	1223.05	1223.05
175	1135.52	1192.84	1192.84

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	1093.32	1148.55	1148.55
185	1038.14	1090.65	1090.65
190	970.71	1019.88	1019.88
195	892.15	937.45	937.45
200	804.11	845.08	845.08
205	708.87	745.19	745.19
210	609.56	641.05	641.05
215	510.31	537.04	537.04
220	416.60	438.90	438.90
225	335.64	354.25	354.25
230	276.29	292.33	292.33
235	245.74	260.53	260.53
240	242.01	256.65	259.16
245	252.74	267.81	278.11
250	264.53	280.08	297.87
255	269.27	285.02	305.78
260	264.55	280.09	300.29
265	252.95	268.02	289.14
270	242.26	256.91	279.53
275	244.67	259.41	281.92
280	271.11	286.93	302.55
285	323.32	341.38	347.25
290	394.75	416.05	417.22
295	477.10	502.25	502.57
300	563.51	592.78	592.78
305	648.80	682.19	682.19
310	729.12	766.42	766.42
315	801.63	842.48	842.48
320	864.22	908.15	908.15
325	915.43	961.87	961.87
330	954.22	1002.57	1002.57
335	979.93	1029.56	1029.56
340	992.19	1042.43	1042.43
345	990.83	1040.99	1040.99
350	975.86	1025.28	1025.28
355	947.49	995.51	995.51