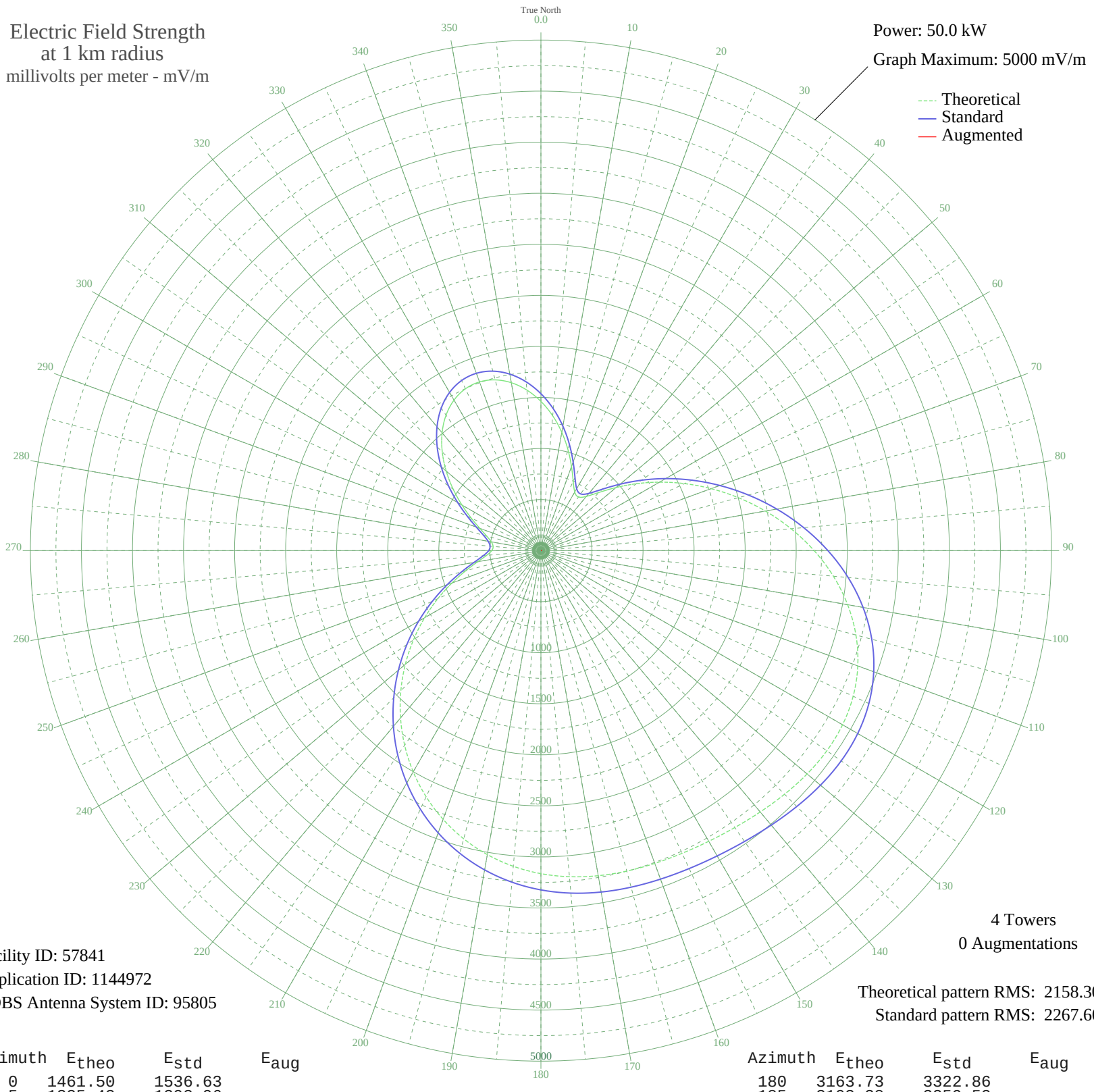
WNCT GREENVILLE, NC BL-20060802BFL 1070 kHz

Daytime

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 57841
Application ID: 1144972
CDBS Antenna System ID: 95805

Theoretical pattern RMS: 2158.30
Standard pattern RMS: 2267.60

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1461.50	1536.63	
5	1325.43	1393.96	
10	1176.70	1238.08	
15	1023.30	1077.38	
20	875.57	922.77	
25	748.29	789.70	
30	662.42	700.05	
35	640.85	677.55	
40	692.91	731.87	
45	806.28	850.30	
50	960.99	1012.15	
55	1142.09	1201.81	
60	1340.95	1410.23	
65	1552.77	1632.34	
70	1774.27	1864.67	
75	2002.17	2103.77	
80	2232.28	2345.23	
85	2459.11	2583.29	
90	2675.99	2810.91	
95	2875.48	3020.30	
100	3050.26	3203.76	
105	3194.03	3354.67	
110	3302.54	3468.58	
115	3374.35	3543.95	
120	3411.24	3582.68	
125	3418.24	3590.03	
130	3402.92	3573.95	
135	3374.29	3543.89	
140	3341.21	3509.16	
145	3310.81	3477.26	
150	3287.24	3452.52	
155	3271.14	3435.61	
160	3259.97	3423.89	
165	3249.05	3412.43	
170	3232.80	3395.37	
175	3205.83	3367.06	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	3163.73	3322.86	
185	3103.38	3259.52	
190	3023.00	3175.14	
195	2921.96	3069.08	
200	2800.57	2941.67	
205	2659.84	2793.96	
210	2501.30	2627.56	
215	2326.85	2444.48	
220	2138.82	2247.16	
225	1939.97	2038.51	
230	1733.60	1822.01	
235	1523.75	1601.90	
240	1315.30	1383.34	
245	1114.15	1172.55	
250	927.28	976.87	
255	762.68	804.73	
260	628.94	665.13	
265	533.80	566.08	
270	481.38	511.64	
275	469.84	499.67	
280	493.84	524.56	
285	549.72	582.63	
290	636.50	673.02	
295	752.58	794.18	
300	892.99	940.99	
305	1049.27	1104.59	
310	1210.82	1273.83	
315	1366.44	1436.96	
320	1505.72	1582.99	
325	1619.85	1702.69	
330	1702.29	1789.16	
335	1748.99	1838.16	
340	1758.40	1848.02	
345	1731.16	1819.45	
350	1669.79	1755.07	
355	1578.23	1659.04	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission