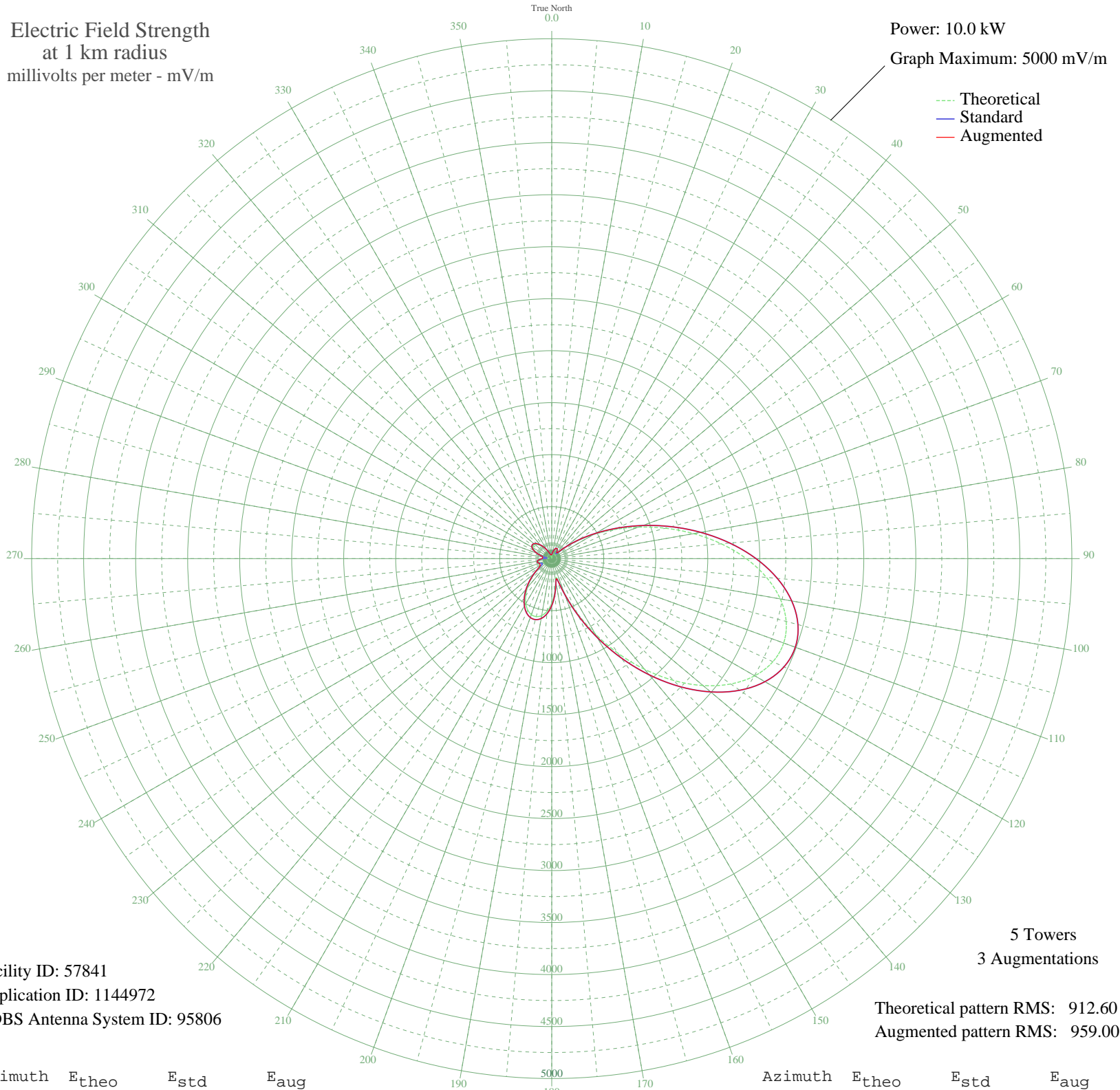


WNCT GREENVILLE, NC BL-20060802BFL 1070 kHz

Nighttime

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

Power: 10.0 kW
Graph Maximum: 5000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 57841
Application ID: 1144972
CDBS Antenna System ID: 95806

5 Towers
3 Augmentations

Theoretical pattern RMS: 912.60
Augmented pattern RMS: 959.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	17.43	39.56	39.56
5	34.86	50.70	50.70
10	55.13	67.68	67.68
15	75.13	86.33	86.33
20	91.18	101.96	101.96
25	99.22	109.93	109.93
30	95.16	105.89	105.89
35	75.82	87.00	89.78
40	46.75	60.33	73.10
45	70.04	81.48	89.16
50	162.95	174.66	174.94
55	295.04	311.77	311.77
60	461.76	486.12	486.12
65	660.33	694.23	694.23
70	885.92	930.88	930.88
75	1130.98	1188.05	1188.05
80	1385.29	1454.97	1454.97
85	1636.35	1718.52	1718.52
90	1870.26	1964.09	1964.09
95	2072.83	2176.75	2176.75
100	2230.83	2342.63	2342.63
105	2333.34	2450.25	2450.25
110	2372.81	2491.70	2491.70
115	2345.87	2463.41	2463.41
120	2253.61	2366.55	2366.55
125	2101.44	2206.80	2206.80
130	1898.49	1993.72	1993.72
135	1656.62	1739.80	1739.80
140	1389.35	1459.24	1459.24
145	1110.76	1166.83	1166.83
150	834.73	877.17	877.17
155	575.05	604.82	604.82
160	349.00	368.13	368.13
165	199.68	212.58	212.58
170	216.98	230.52	230.52
175	325.22	343.28	343.28

Azimuth	E _{theo}	E _{std}	E _{aug}
180	428.55	451.34	451.34
185	506.47	532.95	532.95
190	555.71	584.55	584.55
195	577.07	606.94	606.94
200	572.74	602.40	602.40
205	545.62	573.98	573.98
210	499.07	525.19	525.19
215	436.87	460.05	460.05
220	363.39	383.17	383.17
225	283.73	299.97	299.97
230	204.25	217.32	217.32
235	134.25	145.26	149.90
240	91.09	101.88	127.99
245	92.46	103.23	126.19
250	115.07	125.82	128.31
255	130.85	141.80	141.80
260	130.11	141.05	141.05
265	111.15	121.86	121.86
270	76.33	87.49	94.18
275	34.18	50.19	88.60
280	40.95	55.49	88.08
285	92.28	103.05	105.74
290	141.86	153.02	153.02
295	181.37	193.64	193.64
300	206.73	219.89	219.89
305	216.17	229.68	229.68
310	210.06	223.34	223.34
315	190.62	203.20	203.20
320	161.46	173.13	173.13
325	126.97	137.86	137.86
330	91.67	102.44	102.44
335	59.64	71.78	71.78
340	34.07	50.10	50.10
345	16.66	39.20	39.20
350	6.50	35.74	35.74
355	5.36	35.53	35.53

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission