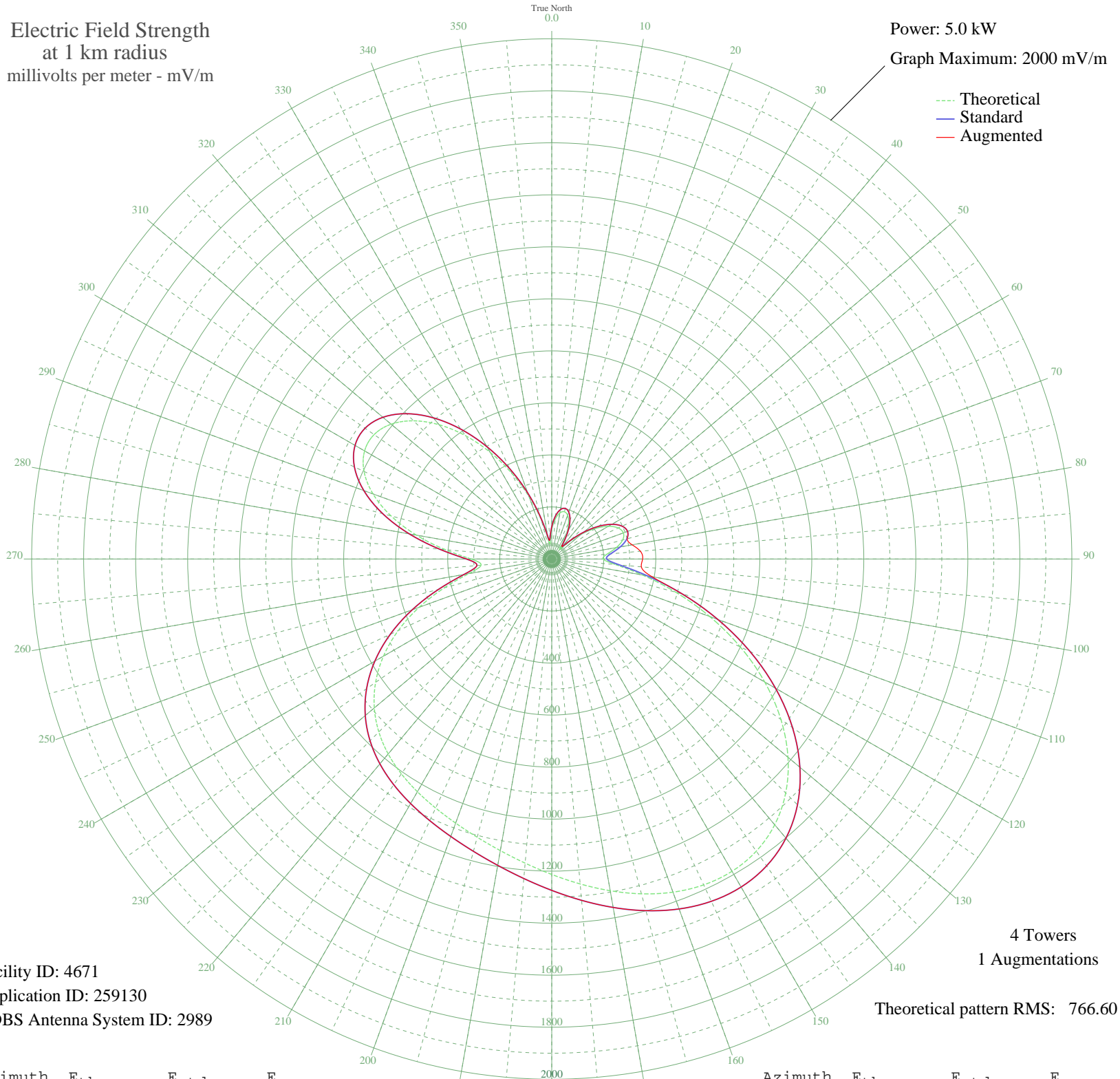


# WNIS NORFOLK, VA BL-19971211KD 790 kHz

Unlimited Time

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 4671  
Application ID: 259130  
CDBS Antenna System ID: 2989

4 Towers  
1 Augmentations  
Theoretical pattern RMS: 766.60

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	112.11	123.89	123.89
5	153.94	166.19	166.19
10	179.90	192.80	192.80
15	188.10	201.25	201.25
20	178.74	191.61	191.61
25	153.27	165.50	165.50
30	114.52	126.30	126.30
35	69.07	82.17	82.17
40	46.79	62.50	62.50
45	88.31	100.45	100.45
50	147.72	159.84	159.84
55	204.54	218.21	218.21
60	251.15	266.52	266.52
65	282.03	298.64	298.64
70	293.09	310.16	310.16
75	282.39	299.01	300.44
80	252.01	267.42	313.99
85	213.25	227.22	342.10
90	197.73	211.18	349.44
95	246.22	261.40	345.86
100	354.12	373.83	390.79
105	493.77	519.90	519.90
110	646.50	679.92	679.92
115	800.17	841.06	841.06
120	945.67	993.70	993.70
125	1075.94	1130.40	1130.40
130	1185.86	1245.75	1245.75
135	1272.26	1336.43	1336.43
140	1333.90	1401.12	1401.12
145	1371.28	1440.37	1440.37
150	1386.42	1456.25	1456.25
155	1382.42	1452.05	1452.05
160	1363.09	1431.77	1431.77
165	1332.58	1399.74	1399.74
170	1294.96	1360.26	1360.26
175	1253.98	1317.24	1317.24

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1212.77	1274.00	1274.00
185	1173.74	1233.03	1233.03
190	1138.42	1195.97	1195.97
195	1107.44	1163.45	1163.45
200	1080.49	1135.17	1135.17
205	1056.41	1109.90	1109.90
210	1033.21	1085.55	1085.55
215	1008.24	1059.36	1059.36
220	978.38	1028.03	1028.03
225	940.29	988.06	988.06
230	890.72	936.05	936.05
235	826.94	869.14	869.14
240	747.23	785.55	785.55
245	651.54	685.21	685.21
250	542.45	570.88	570.88
255	427.36	450.38	450.38
260	324.24	342.63	342.63
265	272.54	288.76	288.76
270	310.27	328.07	328.07
275	410.56	432.81	432.81
280	528.52	556.29	556.29
285	639.71	672.80	672.80
290	731.45	769.00	769.00
295	796.52	837.23	837.23
300	831.05	873.46	873.46
305	833.92	876.47	876.47
310	806.32	847.52	847.52
315	751.40	789.91	789.91
320	673.78	708.52	708.52
325	579.10	609.28	609.28
330	473.53	498.70	498.70
335	363.35	383.47	383.47
340	254.81	270.33	270.33
345	154.66	166.92	166.92
350	75.63	88.31	88.31
355	65.68	79.05	79.05