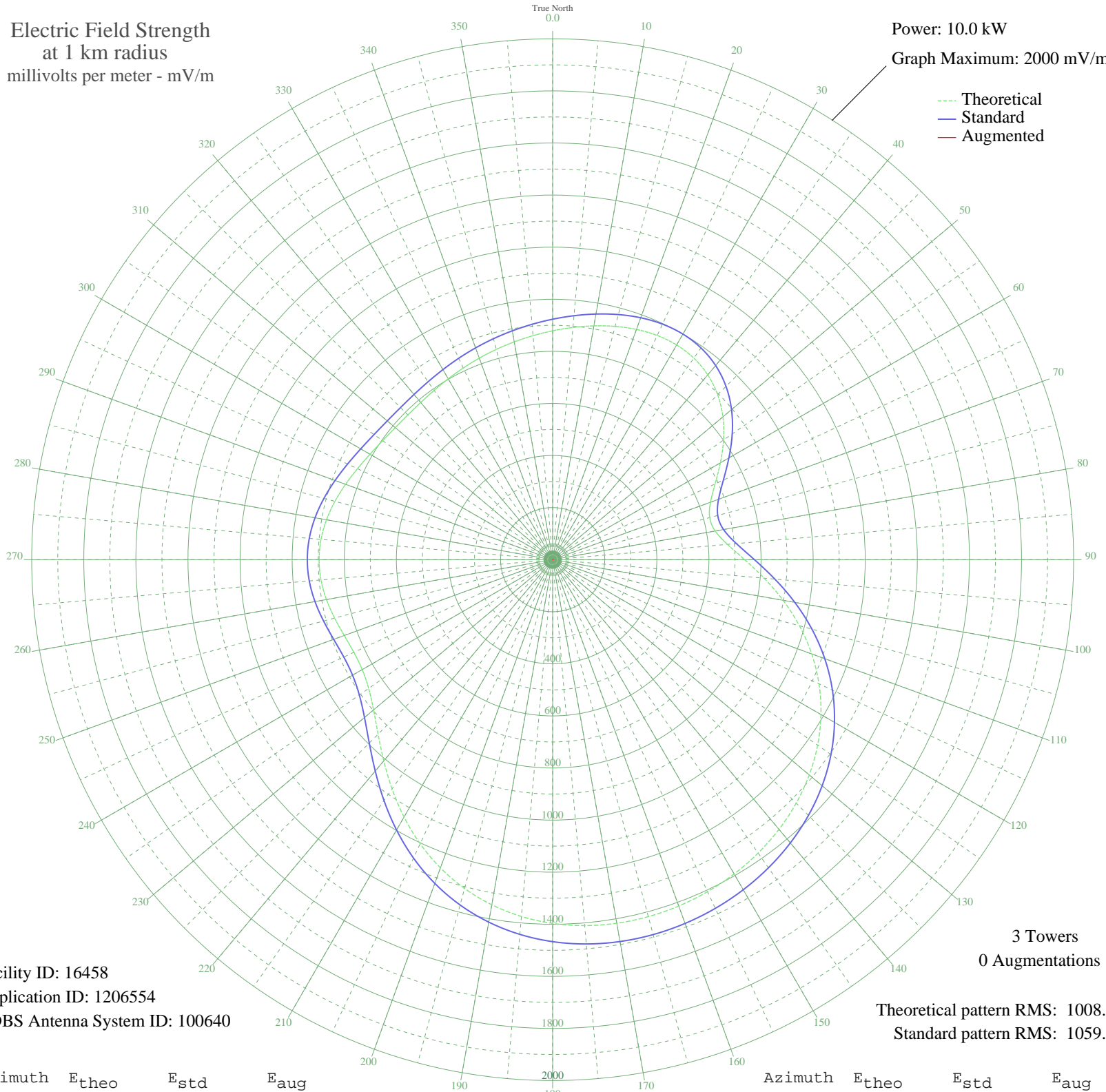


WDEL WILMINGTON, DE BP-20071002ACC 1150 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 16458
Application ID: 1206554
CDBS Antenna System ID: 100640

3 Towers
0 Augmentations

Theoretical pattern RMS: 1008.25
Standard pattern RMS: 1059.19

Azimuth	E _{theo}	E _{std}	E _{aug}
0	878.76	923.29	
5	894.98	940.31	
10	911.56	957.71	
15	927.42	974.36	
20	940.91	988.52	
25	949.91	997.96	
30	952.00	1000.15	
35	944.81	992.60	
40	926.41	973.30	
45	895.77	941.15	
50	853.21	896.48	
55	800.90	841.60	
60	743.40	781.28	
65	688.04	723.21	
70	644.71	677.76	
75	624.10	656.14	
80	633.63	666.14	
85	673.53	707.99	
90	737.12	774.69	
95	814.94	856.34	
100	898.35	943.85	
105	980.88	1030.46	
110	1058.31	1111.73	
115	1128.21	1185.08	
120	1189.46	1249.37	
125	1241.89	1304.40	
130	1285.90	1350.61	
135	1322.25	1388.76	
140	1351.77	1419.75	
145	1375.29	1444.44	
150	1393.47	1463.52	
155	1406.76	1477.47	
160	1415.34	1486.48	
165	1419.11	1490.44	
170	1417.70	1488.95	
175	1410.47	1481.36	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1396.62	1466.82	
185	1375.26	1444.40	
190	1345.57	1413.24	
195	1306.99	1372.74	
200	1259.45	1322.84	
205	1203.60	1264.21	
210	1141.09	1198.60	
215	1074.74	1128.96	
220	1008.61	1059.56	
225	947.74	995.68	
230	897.49	942.95	
235	862.31	906.03	
240	844.23	887.06	
245	842.00	884.72	
250	851.37	894.56	
255	866.53	910.46	
260	881.77	926.46	
265	892.67	937.89	
270	896.58	941.99	
275	892.65	937.87	
280	881.58	926.26	
285	865.21	909.08	
290	846.03	888.96	
295	826.72	868.70	
300	809.69	850.83	
305	796.73	837.22	
310	788.79	828.90	
315	786.02	825.99	
320	787.89	827.95	
325	793.50	833.83	
330	801.84	842.59	
335	812.04	853.29	
340	823.49	865.31	
345	835.89	878.31	
350	849.17	892.25	
355	863.44	907.22	

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.

15 Mar 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission