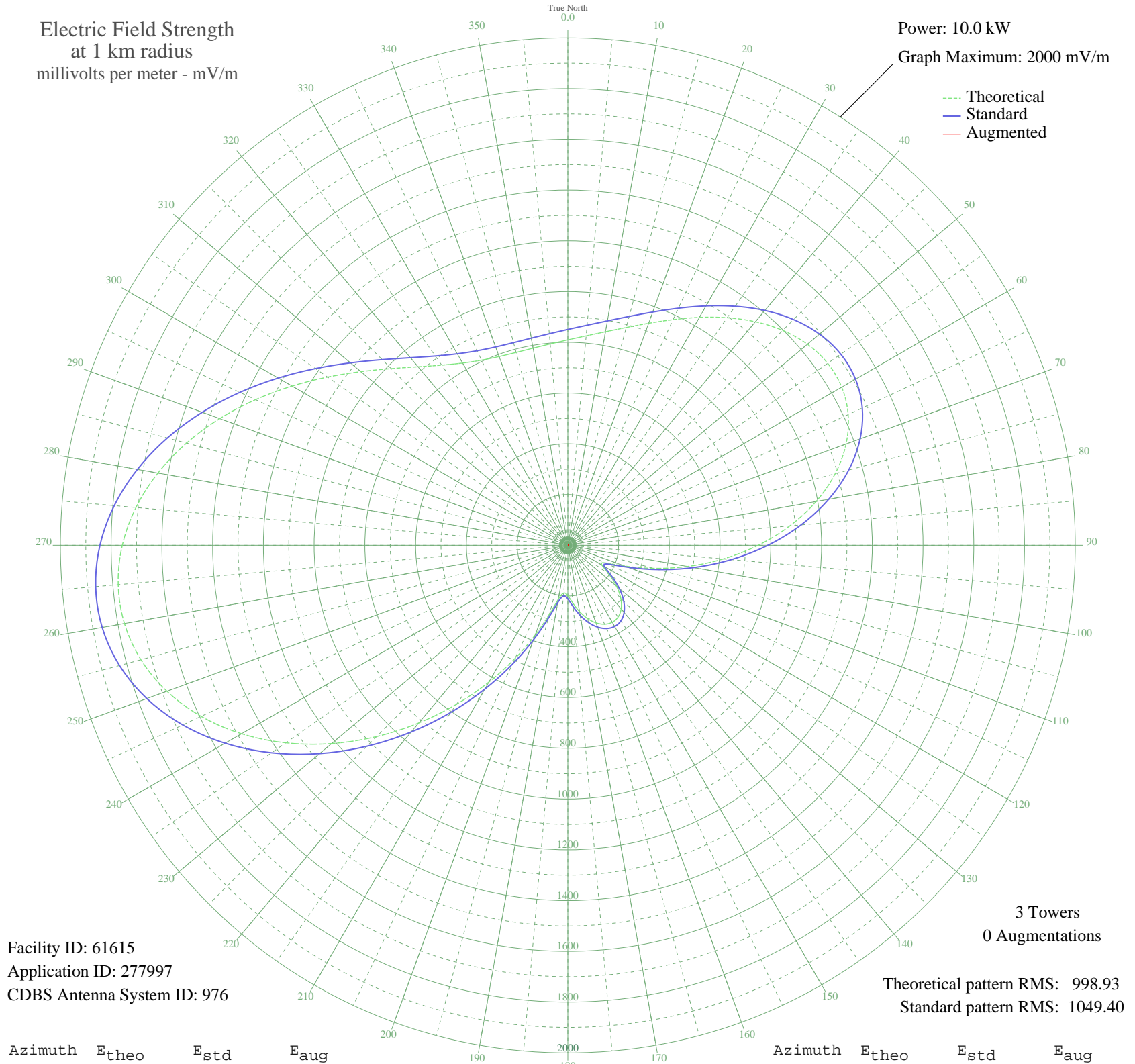


# WDER DERRY, NH BL-19981203AB 1320 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 61615  
Application ID: 277997  
CDBS Antenna System ID: 976

Theoretical pattern RMS: 998.93  
Standard pattern RMS: 1049.40

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	809.70	850.84	
5	828.73	870.80	
10	854.75	898.10	
15	888.78	933.80	
20	931.22	978.34	
25	981.35	1030.96	
30	1037.06	1089.42	
35	1094.84	1150.07	
40	1150.17	1208.13	
45	1197.90	1258.24	
50	1232.87	1294.94	
55	1250.37	1313.31	
60	1246.63	1309.38	
65	1219.18	1280.57	
70	1167.10	1225.90	
75	1091.13	1146.17	
80	993.60	1043.81	
85	878.29	922.81	
90	750.12	788.33	
95	614.87	646.47	
100	478.99	504.04	
105	349.90	368.90	
110	237.95	252.04	
115	163.19	174.54	
120	154.89	165.99	
125	197.56	210.08	
130	250.11	264.71	
135	294.92	311.44	
140	326.95	344.90	
145	345.20	363.98	
150	350.18	369.18	
155	343.01	361.69	
160	325.17	343.04	
165	298.39	315.06	
170	265.01	280.23	
175	229.01	242.75	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	198.51	211.06	
185	188.76	200.96	
190	216.12	229.34	
195	281.80	297.75	
200	376.27	396.47	
205	491.49	517.13	
210	622.28	654.23	
215	764.49	803.40	
220	913.96	960.23	
225	1066.04	1119.83	
230	1215.59	1276.80	
235	1357.15	1425.40	
240	1485.25	1559.87	
245	1594.79	1674.86	
250	1681.44	1765.82	
255	1741.98	1829.38	
260	1774.58	1863.60	
265	1778.89	1868.13	
270	1756.09	1844.19	
275	1708.73	1794.47	
280	1640.49	1722.84	
285	1555.92	1634.06	
290	1460.05	1533.41	
295	1358.09	1426.38	
300	1255.17	1318.34	
305	1156.03	1214.28	
310	1064.82	1118.56	
315	984.89	1034.67	
320	918.53	965.03	
325	866.78	910.73	
330	829.42	871.52	
335	805.06	845.97	
340	791.63	831.88	
345	786.88	826.89	
350	788.93	829.04	
355	796.62	837.11	

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission