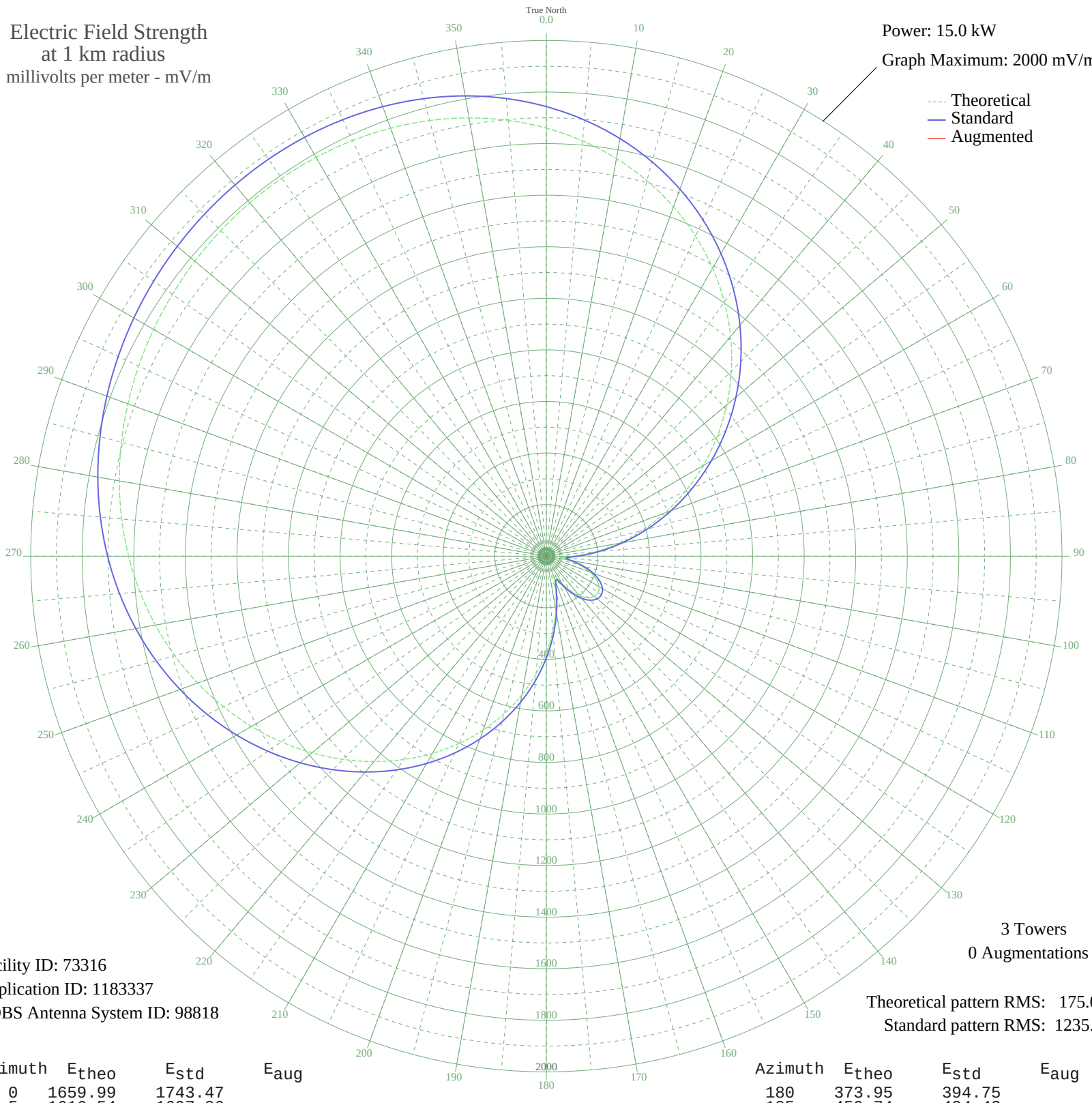
WNDZ PORTAGE, IN BL-20070419AET 750 kHz

Daytime

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



Power: 15.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 73316
Application ID: 1183337
CDBS Antenna System ID: 98818

Theoretical pattern RMS: 175.00
Standard pattern RMS: 1235.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1659.99	1743.47	
5	1616.54	1697.86	
10	1565.76	1644.55	
15	1507.58	1583.48	
20	1442.04	1514.69	
25	1369.34	1438.38	
30	1289.78	1354.88	
35	1203.80	1264.64	
40	1111.96	1168.26	
45	1014.95	1066.48	
50	913.63	960.17	
55	809.00	850.43	
60	702.25	738.48	
65	594.72	625.77	
70	487.92	513.93	
75	383.57	404.79	
80	283.59	300.54	
85	190.54	204.15	
90	109.40	121.85	
95	61.08	75.94	
100	85.65	98.69	
105	135.34	147.81	
110	179.98	193.31	
115	214.08	228.43	
120	236.05	251.16	
125	245.38	260.84	
130	242.11	257.44	
135	226.70	241.49	
140	200.17	214.08	
145	164.39	177.34	
150	123.50	135.90	
155	89.67	102.56	
160	93.09	105.87	
165	141.78	154.32	
170	211.58	225.85	
175	290.46	307.68	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	373.95	394.75	
185	459.74	484.43	
190	546.31	575.06	
195	632.59	665.46	
200	717.82	754.80	
205	801.47	842.53	
210	883.20	928.25	
215	962.77	1011.72	
220	1039.98	1092.74	
225	1114.66	1171.10	
230	1186.55	1246.54	
235	1255.34	1318.73	
240	1320.66	1387.29	
245	1382.10	1451.78	
250	1439.28	1511.79	
255	1491.85	1566.97	
260	1539.57	1617.06	
265	1582.34	1661.95	
270	1620.18	1701.68	
275	1653.27	1736.41	
280	1681.88	1766.44	
285	1706.37	1792.15	
290	1727.13	1813.94	
295	1744.54	1832.22	
300	1758.93	1847.32	
305	1770.53	1859.50	
310	1779.45	1868.87	
315	1785.68	1875.40	
320	1789.05	1878.94	
325	1789.27	1879.17	
330	1785.91	1875.64	
335	1778.47	1867.83	
340	1766.37	1855.13	
345	1749.02	1836.92	
350	1725.85	1812.60	
355	1696.32	1781.60	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission