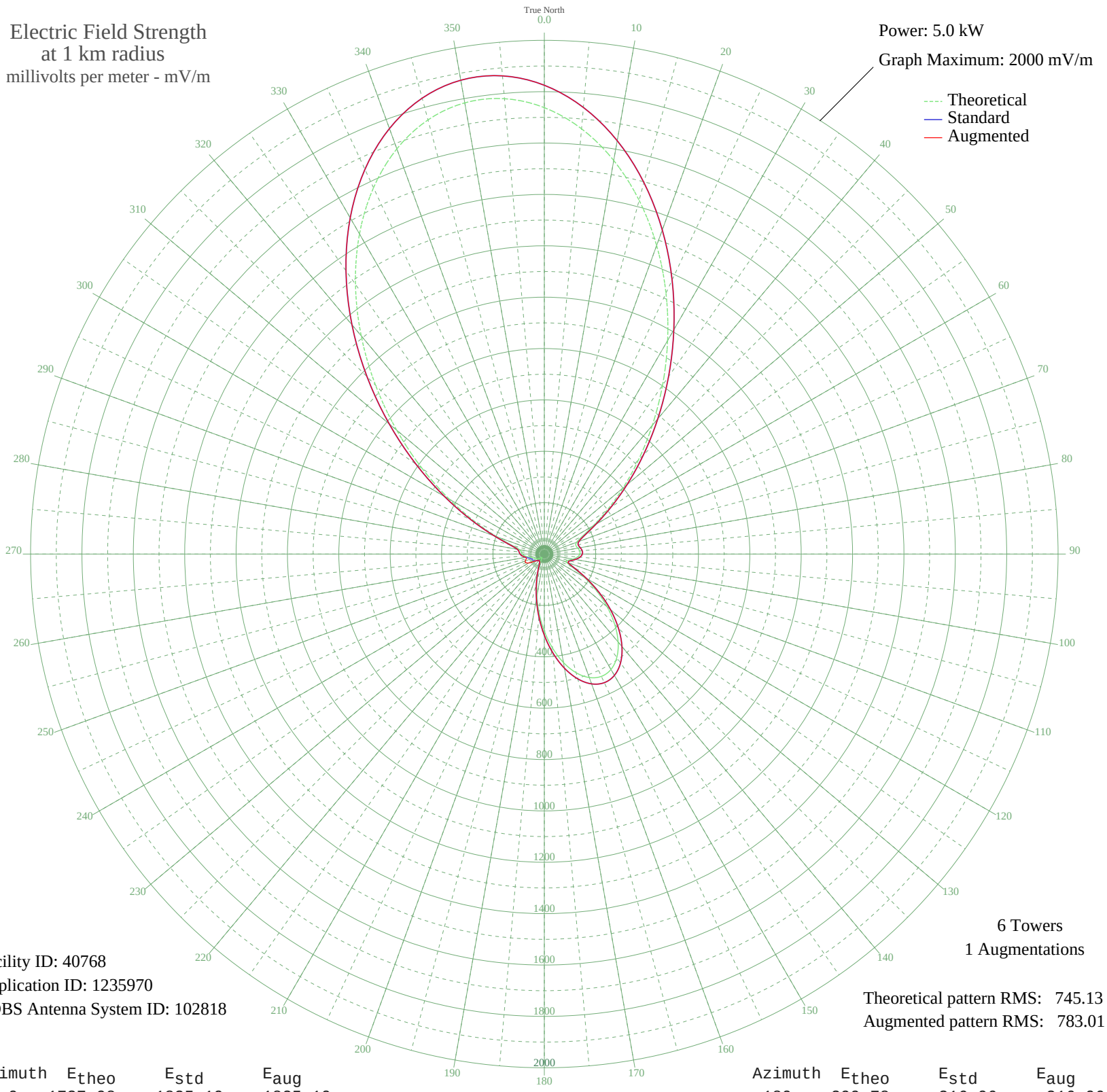
WGDJ RENSSELAER, NY BML-20080125AEO 1300 kHz

Nighttime



Facility ID: 40768
Application ID: 1235970
CDBS Antenna System ID: 102818

6 Towers
1 Augmentations

Theoretical pattern RMS: 745.13
Augmented pattern RMS: 783.01

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1737.98	1825.10	1825.10
5	1661.98	1745.31	1745.31
10	1555.99	1634.04	1634.04
15	1425.86	1497.42	1497.42
20	1278.37	1342.59	1342.59
25	1120.70	1177.08	1177.08
30	959.92	1008.32	1008.32
35	802.49	843.10	843.10
40	653.89	687.18	687.18
45	518.44	545.10	545.10
50	399.29	420.22	420.22
55	298.80	315.03	315.03
60	219.17	231.89	231.89
65	163.29	173.81	173.81
70	133.76	143.30	143.30
75	127.27	136.63	136.63
80	132.49	142.00	142.00
85	138.31	147.99	147.99
90	138.33	148.01	148.01
95	129.84	139.28	139.28
100	113.25	122.28	122.28
105	94.41	103.14	103.14
110	90.69	99.39	99.39
115	120.63	129.83	129.83
120	177.13	188.15	188.15
125	246.20	260.08	260.08
130	318.64	335.78	335.78
135	387.51	407.88	407.88
140	446.93	470.14	470.14
145	491.95	517.33	517.33
150	518.88	545.57	545.57
155	525.57	552.58	552.58
160	511.61	537.94	537.94
165	478.38	503.11	503.11
170	428.94	451.29	451.29
175	367.66	387.09	387.09

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

Azimuth	E_{theo}	E_{std}	E_{aug}
180	299.78	316.06	316.06
185	230.87	244.08	244.08
190	166.19	176.81	176.81
195	110.22	119.19	119.19
200	66.24	75.16	75.16
205	36.17	47.48	47.48
210	20.45	35.67	35.67
215	15.84	32.99	32.99
220	16.51	33.35	33.35
225	21.07	36.07	36.07
230	28.00	40.94	40.94
235	34.30	45.92	51.25
240	38.15	49.16	69.02
245	40.21	50.93	79.59
250	43.78	54.08	78.92
255	52.20	61.77	72.73
260	64.71	73.67	74.22
265	77.21	85.93	85.93
270	85.74	94.42	94.42
275	89.87	98.57	98.57
280	98.05	106.82	106.82
285	129.33	138.75	138.75
290	196.28	208.05	208.05
295	297.39	313.55	313.55
300	427.34	449.61	449.61
305	580.42	610.10	610.10
310	750.12	788.14	788.14
315	929.04	975.91	975.91
320	1109.07	1164.87	1164.87
325	1281.82	1346.22	1346.22
330	1439.12	1511.35	1511.35
335	1573.51	1652.43	1652.43
340	1678.64	1762.80	1762.80
345	1749.72	1837.42	1837.42
350	1783.70	1873.10	1873.10
355	1779.48	1868.68	1868.68