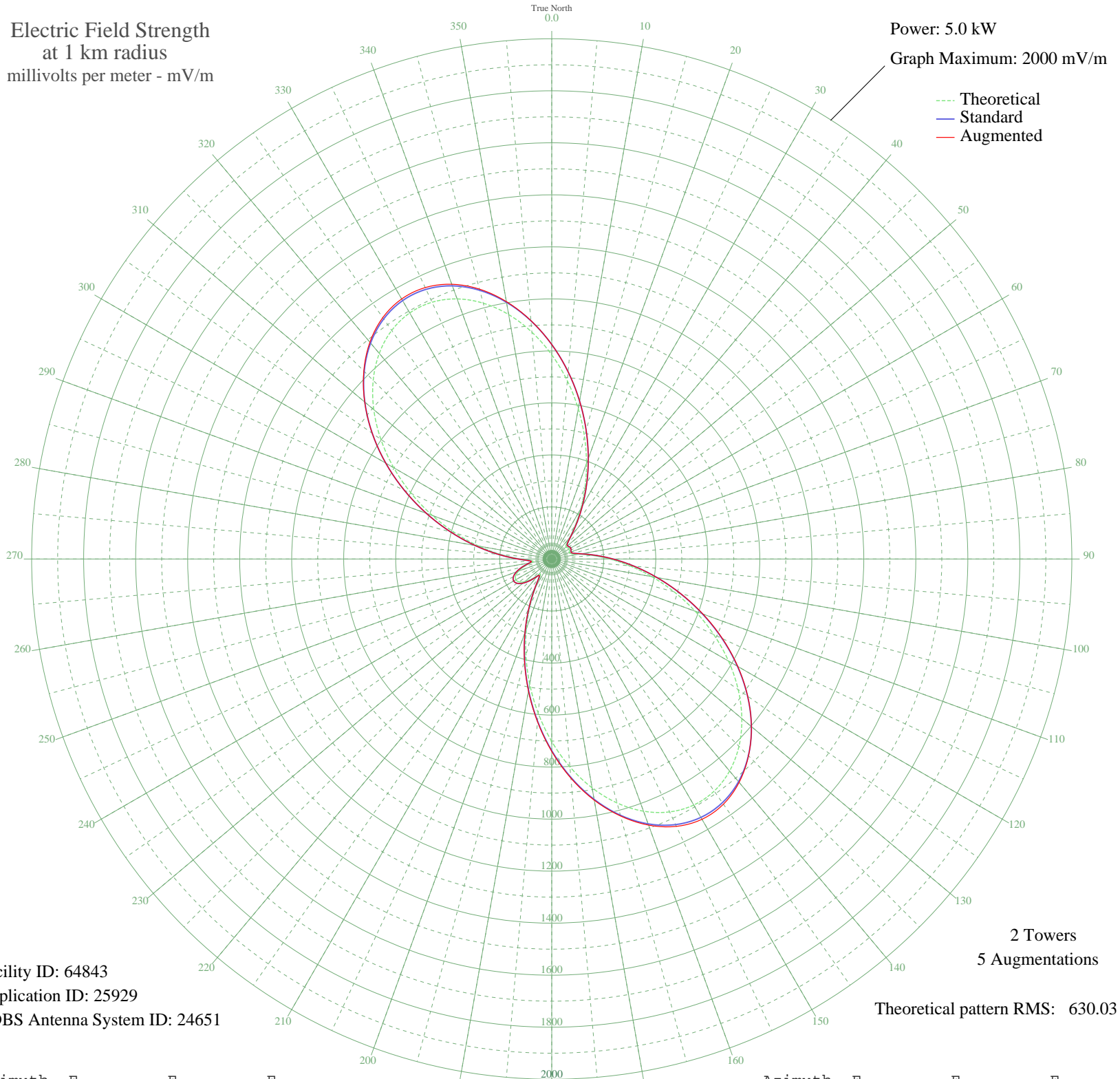


WPRO PROVIDENCE, RI BL-19801215AH 630 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 64843
Application ID: 25929
CDBS Antenna System ID: 24651

2 Towers
5 Augmentations
Theoretical pattern RMS: 630.03

Azimuth	E _{theo}	E _{std}	E _{aug}
0	785.04	824.62	824.62
5	687.56	722.32	722.32
10	586.87	616.66	616.66
15	486.78	511.66	511.66
20	390.76	410.97	410.97
25	301.92	317.88	317.88
30	223.04	235.37	235.37
35	156.96	166.47	166.47
40	107.27	115.05	115.05
45	78.70	85.90	85.90
50	71.56	78.72	78.72
55	74.78	81.95	81.95
60	77.05	84.24	84.24
65	74.78	81.95	81.95
70	71.56	78.72	78.72
75	78.70	85.90	85.90
80	107.27	115.05	115.05
85	156.96	166.47	166.47
90	223.04	235.37	235.37
95	301.92	317.88	317.88
100	390.76	410.97	411.08
105	486.78	511.66	512.62
110	586.87	616.66	618.42
115	687.56	722.32	724.20
120	785.04	824.62	825.94
125	875.28	919.34	919.88
130	954.27	1002.25	1002.30
135	1018.26	1069.43	1070.04
140	1064.05	1117.50	1121.07
145	1089.20	1143.90	1150.83
150	1092.25	1147.10	1155.51
155	1072.87	1126.76	1134.17
160	1031.85	1083.70	1088.74
165	971.09	1019.91	1023.01
170	893.37	938.33	941.47
175	802.21	842.65	845.80

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 _{theo}	E _{std}	E _{aug}
180	701.54	736.99	739.67
185	595.49	625.70	627.75
190	488.10	513.04	514.99
195	383.21	403.06	405.17
200	284.42	299.56	301.23
205	195.40	206.51	207.22
210	121.48	129.69	129.69
215	76.06	83.24	83.24
220	79.35	86.56	86.56
225	108.42	116.23	116.23
230	135.70	144.41	144.41
235	153.38	162.75	162.75
240	159.42	169.03	169.03
245	153.38	162.75	162.75
250	135.70	144.41	144.41
255	108.42	116.23	116.23
260	79.35	86.56	86.56
265	76.06	83.24	83.24
270	121.48	129.70	129.70
275	195.40	206.51	206.51
280	284.42	299.56	299.56
285	383.21	403.06	403.06
290	488.10	513.04	513.04
295	595.49	625.70	625.70
300	701.54	736.99	736.99
305	802.21	842.65	842.65
310	893.37	938.33	938.82
315	971.09	1019.91	1022.03
320	1031.85	1083.70	1087.91
325	1072.87	1126.76	1132.86
330	1092.25	1147.10	1154.38
335	1089.20	1143.90	1151.32
340	1064.05	1117.50	1124.00
345	1018.26	1069.43	1074.16
350	954.27	1002.25	1004.85
355	875.28	919.34	920.11