

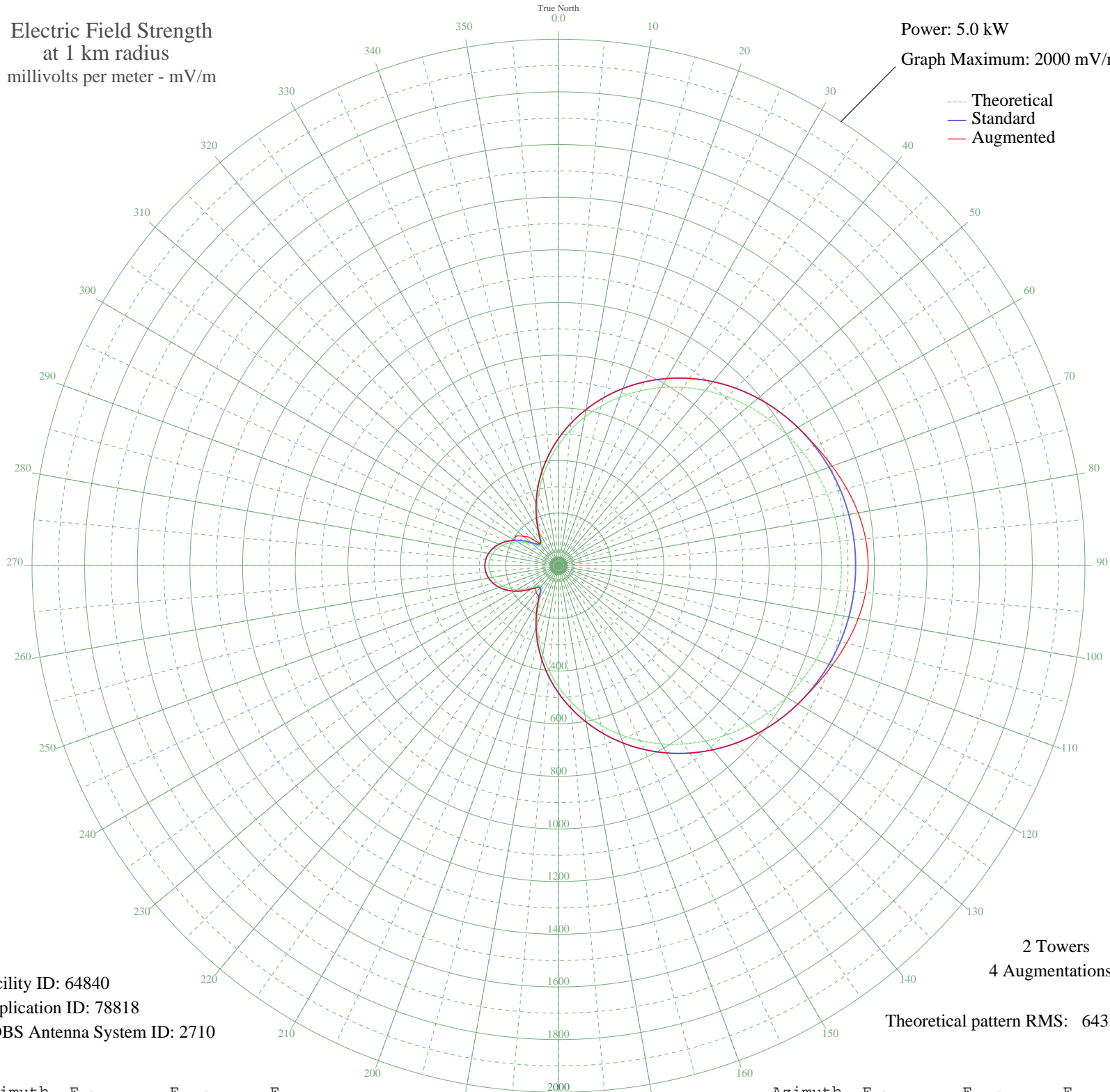
WPRV PROVIDENCE, RI BL-19850606AE 790 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 64840
Application ID: 78818
CDBS Antenna System ID: 2710

2 Towers
4 Augmentations

Theoretical pattern RMS: 643.74

Azimuth	E _{theo}	E _{std}	E _{aug}
0	459.04	483.07	483.07
5	516.48	543.26	543.26
10	573.10	602.62	602.62
15	628.37	660.58	660.58
20	681.77	716.59	716.59
25	732.87	770.19	770.19
30	781.28	820.97	820.97
35	826.65	868.58	868.58
40	868.70	912.71	912.71
45	907.21	953.11	953.11
50	941.98	989.60	989.60
55	972.87	1022.02	1022.02
60	999.77	1050.26	1050.26
65	1022.62	1074.23	1077.64
70	1041.35	1093.89	1106.34
75	1055.94	1109.21	1133.63
80	1066.37	1120.15	1156.24
85	1072.63	1126.72	1171.20
90	1074.72	1128.91	1176.43
95	1072.63	1126.72	1171.20
100	1066.37	1120.15	1156.24
105	1055.94	1109.21	1133.63
110	1041.35	1093.89	1106.34
115	1022.62	1074.23	1077.64
120	999.77	1050.26	1050.26
125	972.87	1022.02	1022.02
130	941.98	989.60	989.60
135	907.21	953.12	953.12
140	868.70	912.71	912.71
145	826.65	868.58	868.58
150	781.28	820.97	820.97
155	732.87	770.19	770.19
160	681.77	716.59	716.59
165	628.37	660.58	660.58
170	573.11	602.62	602.62
175	516.48	543.26	543.26

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	459.04	483.07	483.07
185	401.42	422.72	422.72
190	344.30	362.95	362.95
195	288.51	304.65	304.65
200	235.11	248.97	248.97
205	185.63	197.57	197.57
210	142.69	153.26	153.26
215	111.17	121.10	134.81
220	98.29	108.13	132.26
225	106.60	116.48	122.73
230	128.36	138.59	138.59
235	154.88	165.79	165.79
240	181.36	193.14	193.14
245	205.52	218.19	218.19
250	226.19	239.68	239.68
255	242.74	256.91	256.91
260	254.78	269.45	269.45
265	262.08	277.07	277.07
270	264.52	279.62	279.62
275	262.08	277.07	277.07
280	254.78	269.45	269.45
285	242.74	256.91	256.91
290	226.19	239.68	239.68
295	205.52	218.19	218.19
300	181.36	193.14	194.63
305	154.88	165.79	196.30
310	128.36	138.59	173.55
315	106.60	116.48	148.53
320	98.29	108.13	108.13
325	111.17	121.10	121.10
330	142.69	153.26	153.26
335	185.63	197.57	197.57
340	235.11	248.97	248.97
345	288.51	304.65	304.65
350	344.30	362.95	362.95
355	401.42	422.72	422.72