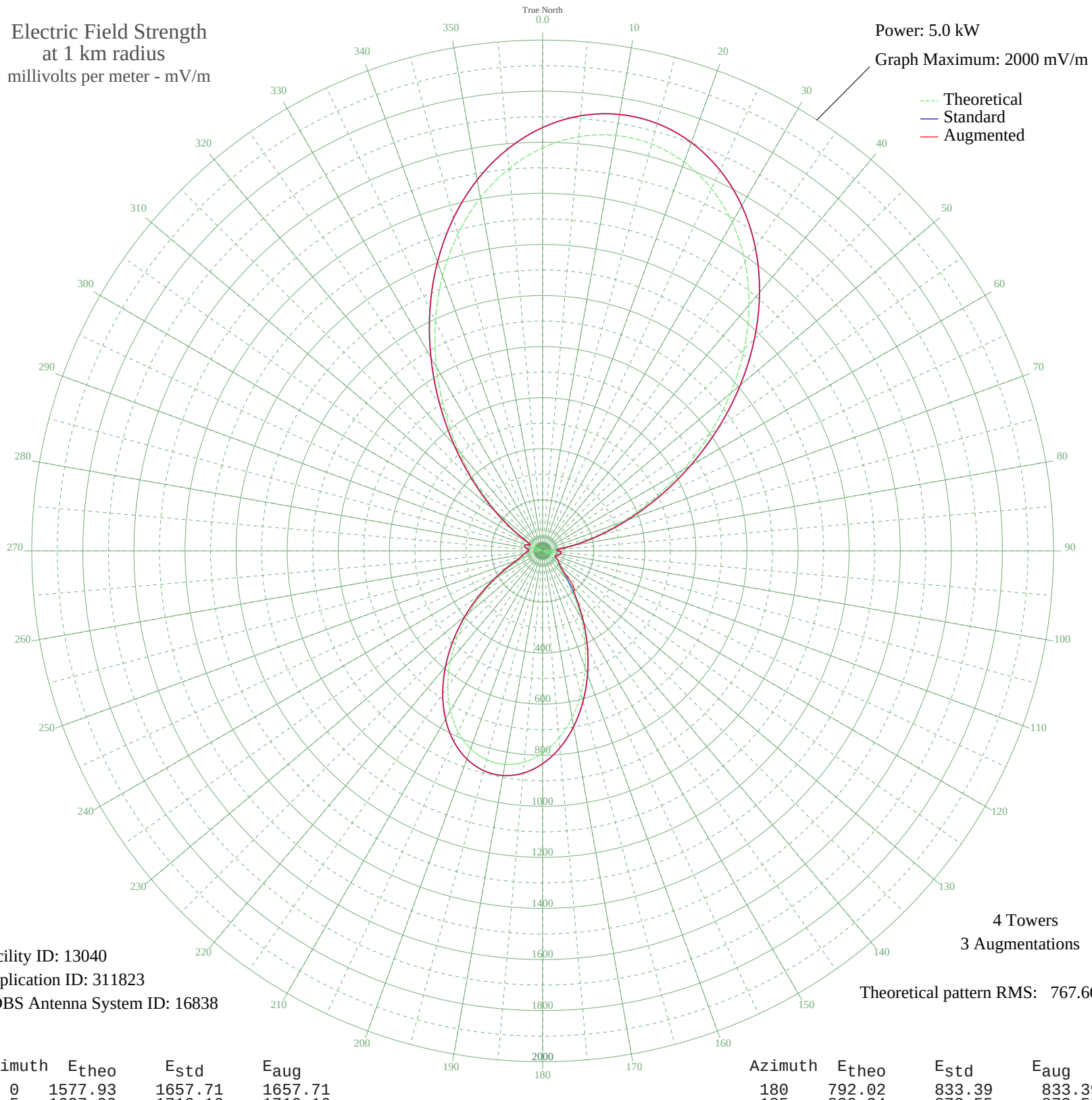
WIRL PEORIA, IL BL-- 1290 kHz

Nighttime



Facility ID: 13040
Application ID: 311823
CDBS Antenna System ID: 16838

4 Towers
3 Augmentations

Theoretical pattern RMS: 767.66

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1577.93	1657.71	1657.71
5	1627.90	1710.16	1710.16
10	1651.76	1735.20	1735.20
15	1649.10	1732.41	1732.41
20	1619.98	1701.84	1701.84
25	1564.87	1644.01	1644.01
30	1484.79	1559.97	1559.97
35	1381.39	1451.48	1451.48
40	1257.15	1321.13	1321.13
45	1115.48	1172.51	1172.51
50	960.83	1010.33	1010.33
55	798.66	840.35	840.35
60	635.30	669.26	669.26
65	477.57	504.38	504.38
70	332.35	353.15	353.15
75	205.88	222.87	222.87
80	103.14	121.12	121.12
85	27.27	61.33	61.33
90	21.23	58.64	64.44
95	43.78	71.09	73.70
100	44.79	71.78	71.78
105	30.30	62.87	62.87
110	7.50	54.80	54.80
115	17.00	57.10	57.10
120	37.27	66.88	66.88
125	52.22	77.12	77.12
130	67.93	89.61	89.61
135	96.86	115.26	119.81
140	146.64	163.24	191.82
145	215.90	233.09	233.09
150	299.59	319.21	319.21
155	391.90	415.05	415.05
160	486.95	514.16	514.16
165	579.14	610.51	610.51
170	663.44	698.72	698.72
175	735.54	774.22	774.22

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	792.02	833.39	833.39
185	830.34	873.55	873.55
190	848.85	892.95	892.95
195	846.79	890.78	890.78
200	824.22	867.13	867.13
205	782.11	823.01	823.01
210	722.28	760.33	760.33
215	647.43	681.96	681.96
220	561.18	591.73	591.73
225	467.99	494.38	494.38
230	373.03	395.42	395.42
235	281.97	301.00	301.00
240	200.71	217.61	217.61
245	135.00	151.77	151.77
250	89.49	108.49	108.49
255	64.15	86.48	86.48
260	49.50	75.12	75.12
265	33.68	64.74	64.74
270	12.36	55.76	55.76
275	12.34	55.76	56.42
280	34.10	64.99	66.36
285	46.04	72.65	72.72
290	41.16	69.34	69.34
295	13.76	56.12	56.12
300	40.22	68.74	68.74
305	121.61	138.73	138.73
310	229.41	246.91	246.91
315	360.08	381.95	381.95
320	508.33	536.50	536.50
325	667.74	703.23	703.23
330	831.41	874.66	874.66
335	992.55	1043.59	1043.59
340	1145.02	1203.49	1203.49
345	1283.52	1348.79	1348.79
350	1403.83	1475.02	1475.02
355	1502.73	1578.80	1578.80