

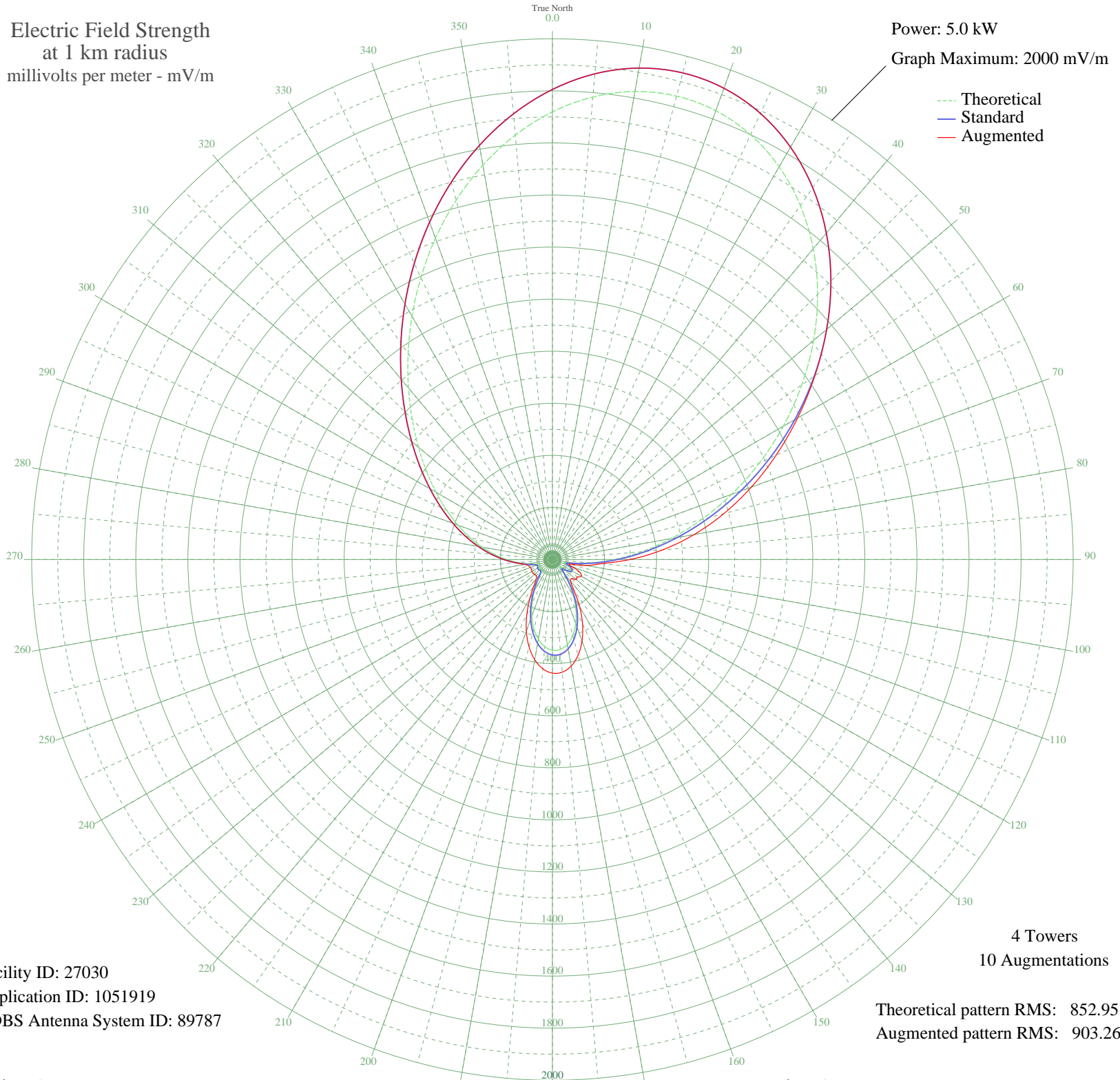
WSSP MILWAUKEE, WI BML-20050309ADN 1250 kHz

Nighttime

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m



Facility ID: 27030
Application ID: 1051919
CDBS Antenna System ID: 89787

Theoretical pattern RMS: 852.95
Augmented pattern RMS: 903.26

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1719.29	1805.42	1805.42
5	1783.37	1872.70	1872.70
10	1825.25	1916.67	1916.67
15	1842.65	1934.94	1934.94
20	1834.37	1926.25	1926.25
25	1800.35	1890.53	1890.53
30	1741.58	1828.82	1828.82
35	1660.04	1743.22	1743.22
40	1558.50	1636.62	1636.62
45	1440.32	1512.54	1512.54
50	1309.20	1374.89	1374.89
55	1169.05	1227.75	1230.71
60	1023.75	1075.22	1087.38
65	877.07	921.26	947.91
70	732.57	769.60	813.09
75	593.51	623.68	681.96
80	462.87	486.65	552.86
85	343.34	361.37	424.72
90	237.41	250.51	298.41
95	147.70	157.06	186.16
100	78.72	86.31	132.67
105	45.70	54.03	65.98
110	57.89	65.66	80.78
115	74.71	82.28	115.82
120	79.55	87.14	128.26
125	71.07	78.64	116.64
130	52.94	60.87	120.06
135	40.95	49.65	103.00
140	63.89	71.53	108.13
145	109.35	117.47	143.86
150	161.56	171.45	208.37
155	213.93	225.99	273.75
160	261.95	276.17	332.50
165	301.93	318.00	380.75
170	330.91	348.35	415.41
175	346.80	364.98	434.28

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	348.53	366.80	436.26
185	336.17	353.85	421.36
190	310.92	327.41	390.80
195	275.02	289.84	346.87
200	231.61	244.45	292.76
205	184.46	195.27	232.40
210	137.89	146.90	173.20
215	96.80	104.63	125.22
220	67.23	74.83	96.56
225	54.80	62.67	87.74
230	55.80	63.63	88.97
235	58.91	66.65	91.41
240	58.23	65.99	91.27
245	54.66	62.53	89.49
250	55.07	62.93	90.12
255	68.44	76.03	94.35
260	95.86	103.67	108.57
265	132.93	141.76	141.76
270	176.16	186.63	186.63
275	223.66	236.15	236.15
280	274.54	289.33	289.33
285	328.64	345.97	345.97
290	386.37	406.44	406.44
295	448.50	471.58	471.58
300	516.09	542.46	542.46
305	590.25	620.25	620.25
310	671.94	705.98	705.98
315	761.83	800.31	800.31
320	860.05	903.40	903.40
325	966.05	1014.65	1014.65
330	1078.48	1132.68	1132.68
335	1195.19	1255.19	1255.19
340	1313.18	1379.07	1379.07
345	1428.81	1500.46	1500.46
350	1537.93	1615.02	1615.02
355	1636.18	1718.17	1718.17