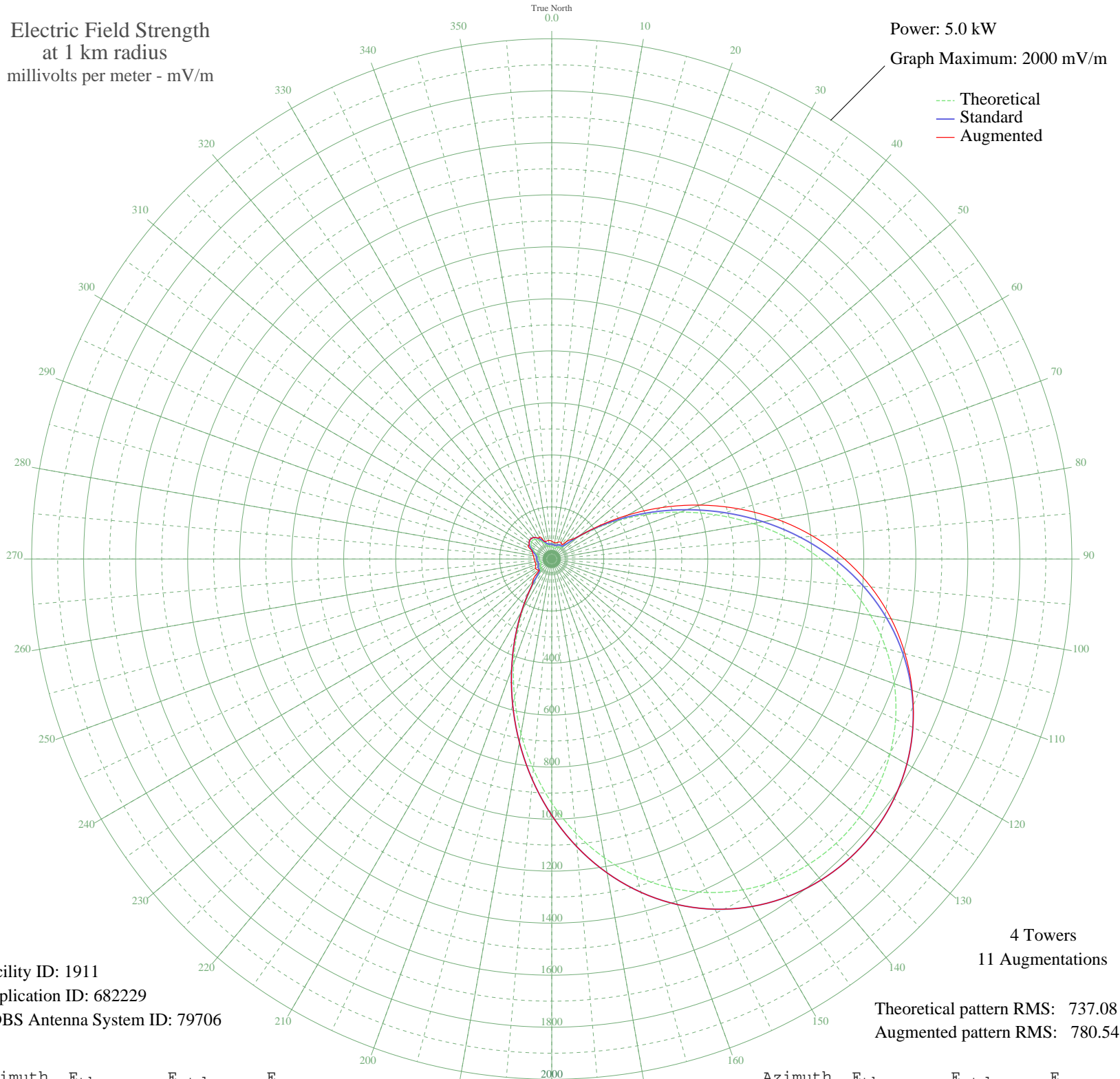


WLAT NEW BRITAIN, CT BML-20030820AET 910 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 1911
Application ID: 682229
CDBS Antenna System ID: 79706

Theoretical pattern RMS: 737.08
Augmented pattern RMS: 780.54

Azimuth	E _{theo}	E _{std}	E _{aug}
0	46.83	57.65	68.48
5	45.32	56.29	65.28
10	43.11	54.35	63.62
15	42.52	53.84	64.43
20	45.18	56.17	68.04
25	49.62	60.16	72.42
30	52.45	62.75	72.61
35	52.14	62.47	67.63
40	54.85	64.98	85.89
45	77.10	86.36	105.92
50	126.99	136.69	137.30
55	201.02	213.21	221.36
60	295.01	311.22	337.50
65	404.99	426.30	468.39
70	526.58	553.72	606.00
75	655.00	688.41	744.73
80	785.39	825.21	879.93
85	913.17	959.30	1007.86
90	1034.34	1086.48	1125.74
95	1145.72	1203.38	1231.84
100	1244.99	1307.58	1325.38
105	1330.68	1397.54	1406.34
110	1402.06	1472.47	1475.13
115	1458.93	1532.17	1532.25
120	1501.47	1576.83	1576.83
125	1529.99	1606.77	1606.77
130	1544.82	1622.34	1622.34
135	1546.16	1623.75	1623.75
140	1534.04	1611.02	1611.02
145	1508.28	1583.98	1583.98
150	1468.58	1542.30	1542.30
155	1414.59	1485.63	1485.63
160	1346.11	1413.74	1413.74
165	1263.25	1326.75	1326.75
170	1166.60	1225.30	1225.30
175	1057.49	1110.77	1110.77

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	938.05	985.41	985.41
185	811.29	852.39	852.39
190	681.07	715.76	715.76
195	551.87	580.25	580.25
200	428.53	450.96	450.96
205	315.86	333.01	333.01
210	218.35	231.23	231.23
215	140.01	150.06	150.06
220	84.92	94.10	113.91
225	57.20	67.17	86.57
230	52.01	62.35	65.73
235	52.60	62.89	70.66
240	50.42	60.89	72.16
245	46.03	56.93	69.19
250	42.79	54.07	65.37
255	42.78	54.07	64.19
260	44.87	55.90	65.14
265	46.65	57.48	66.26
270	47.02	57.81	67.32
275	46.93	57.73	69.11
280	48.86	59.48	71.74
285	54.96	65.08	75.09
290	64.99	74.58	79.34
295	76.84	86.11	90.63
300	88.12	97.29	103.67
305	96.88	106.08	106.08
310	101.83	111.07	111.07
315	102.29	111.54	111.54
320	98.20	107.41	107.41
325	90.12	99.29	99.29
330	79.22	88.45	96.61
335	67.30	76.80	82.22
340	56.70	66.71	71.69
345	49.72	60.25	71.77
350	47.06	57.85	72.42
355	46.97	57.77	71.20