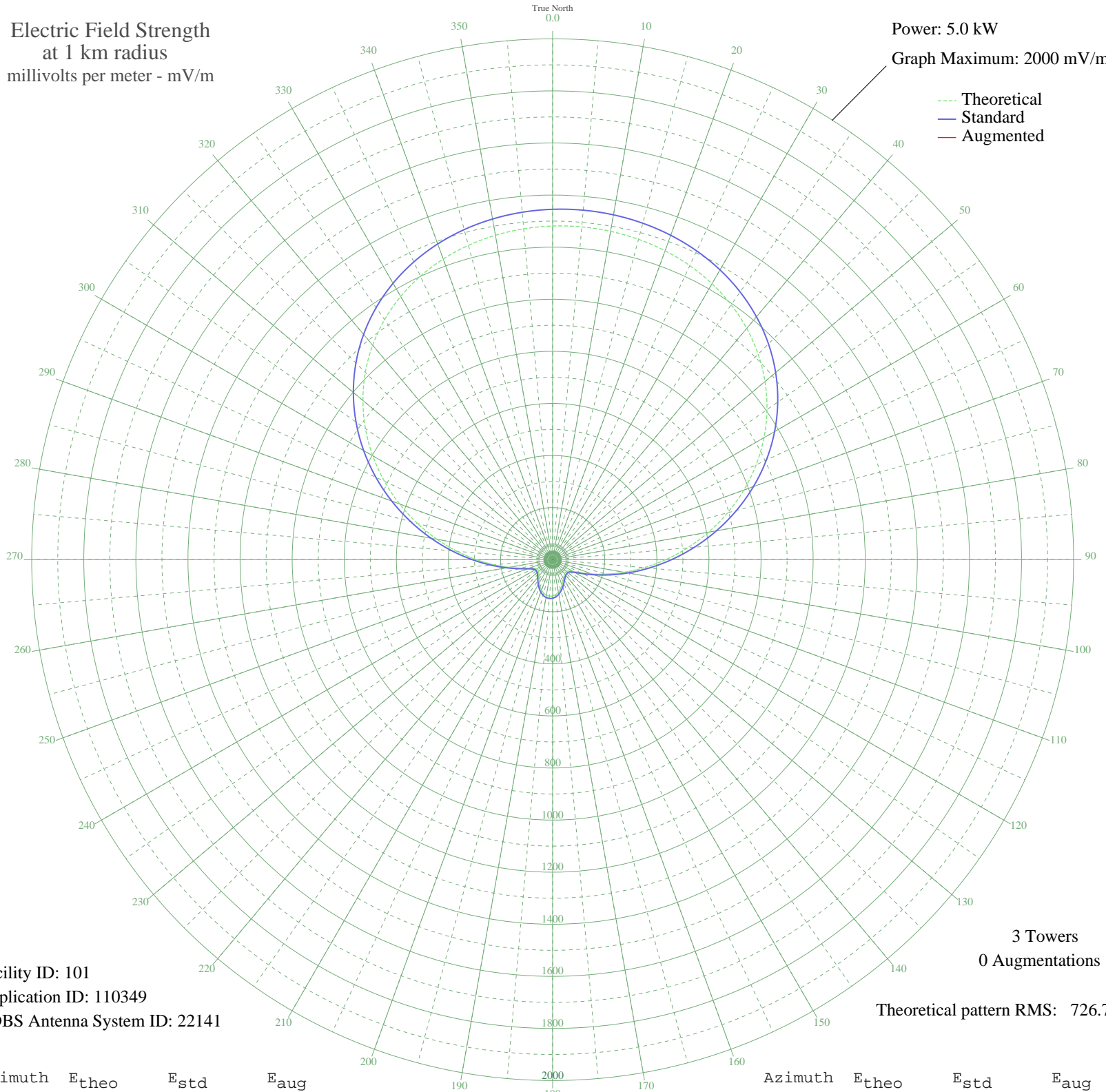


# KMNQ BROOKLYN PARK, MN BL-19880316AD 1470 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 101  
Application ID: 110349  
CDBS Antenna System ID: 22141

3 Towers  
0 Augmentations

Theoretical pattern RMS: 726.73

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1281.09	1345.34	
5	1282.74	1347.08	
10	1280.25	1344.47	
15	1273.51	1337.39	
20	1262.16	1325.48	
25	1245.71	1308.21	
30	1223.52	1284.91	
35	1194.90	1254.86	
40	1159.15	1217.33	
45	1115.69	1171.71	
50	1064.15	1117.60	
55	1004.42	1054.90	
60	936.77	983.89	
65	861.91	905.31	
70	781.00	820.39	
75	695.63	730.79	
80	607.79	638.61	
85	519.74	546.23	
90	433.94	456.24	
95	352.84	371.22	
100	278.79	293.67	
105	213.91	225.83	
110	160.03	169.66	
115	118.64	126.77	
120	90.62	98.00	
125	75.25	82.42	
130	69.33	76.49	
135	68.79	75.95	
140	71.21	78.37	
145	76.14	83.32	
150	83.70	90.96	
155	93.58	101.03	
160	104.85	112.56	
165	116.19	124.24	
170	126.35	134.73	
175	134.26	142.92	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	139.16	148.00	
185	140.60	149.49	
190	138.45	147.26	
195	132.90	141.51	
200	124.47	132.78	
205	113.98	121.96	
210	102.54	110.20	
215	91.46	98.86	
220	81.98	89.22	
225	74.94	82.12	
230	70.53	77.69	
235	68.62	75.78	
240	69.97	77.13	
245	77.43	84.62	
250	95.15	102.63	
255	125.86	134.23	
260	169.85	179.88	
265	226.06	238.52	
270	292.93	308.47	
275	368.57	387.71	
280	450.80	473.92	
285	537.25	564.60	
290	625.45	657.14	
295	712.97	748.99	
300	797.60	837.81	
305	877.41	921.58	
310	950.90	998.73	
315	1017.01	1068.12	
320	1075.11	1129.11	
325	1125.02	1181.51	
330	1166.90	1225.47	
335	1201.17	1261.45	
340	1228.45	1290.09	
345	1249.44	1312.12	
350	1264.82	1328.27	
355	1275.21	1339.18	

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission