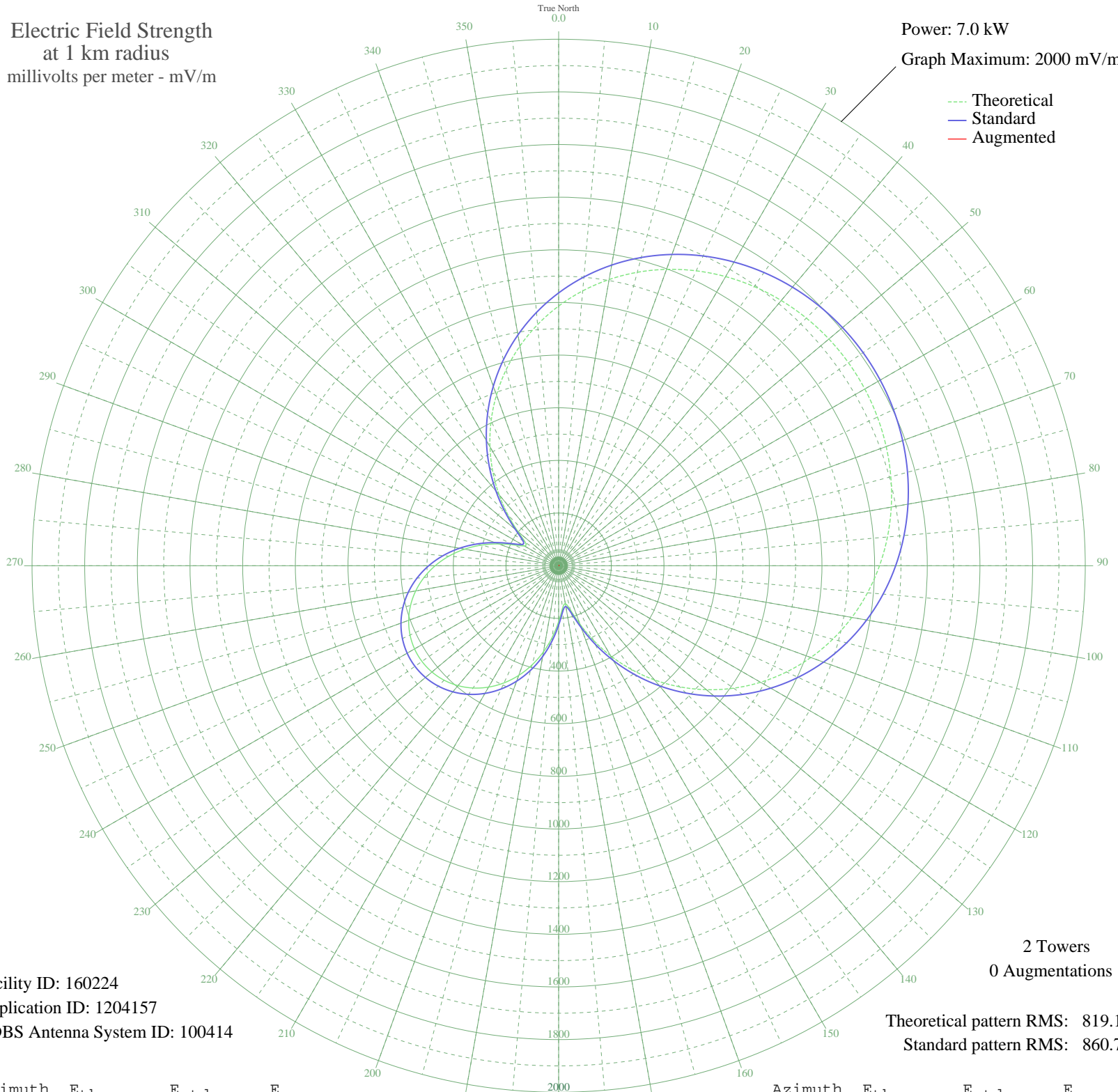


# WURA QUANTICO, VA BMP-20070918ACB 920 kHz

Daytime

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

Power: 7.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 160224  
Application ID: 1204157  
CDBS Antenna System ID: 100414

Theoretical pattern RMS: 819.12  
Standard pattern RMS: 860.73

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	986.48	1036.35	
5	1048.10	1101.01	
10	1103.99	1159.68	
15	1153.99	1212.15	
20	1198.02	1258.37	
25	1236.09	1298.32	
30	1268.24	1332.08	
35	1294.59	1359.73	
40	1315.23	1381.40	
45	1330.27	1397.19	
50	1339.82	1407.21	
55	1343.93	1411.52	
60	1342.63	1410.16	
65	1335.92	1403.12	
70	1323.74	1390.34	
75	1306.03	1371.74	
80	1282.66	1347.21	
85	1253.54	1316.64	
90	1218.56	1279.92	
95	1177.63	1236.97	
100	1130.73	1187.74	
105	1077.89	1132.28	
110	1019.22	1070.71	
115	954.95	1003.26	
120	885.41	930.29	
125	811.08	852.29	
130	732.55	769.91	
135	650.61	683.96	
140	566.19	595.45	
145	480.49	505.63	
150	395.07	416.17	
155	312.19	329.52	
160	235.90	249.96	
165	174.79	186.57	
170	146.32	157.26	
175	163.90	175.33	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	212.21	225.33	
185	271.39	286.92	
190	331.96	350.17	
195	389.90	410.77	
200	443.27	466.64	
205	490.99	516.63	
210	532.38	560.01	
215	567.02	596.32	
220	594.63	625.26	
225	615.02	646.64	
230	628.07	660.33	
235	633.72	666.25	
240	631.94	664.38	
245	622.73	654.73	
250	606.14	637.34	
255	582.27	612.30	
260	551.26	579.79	
265	513.33	540.04	
270	468.84	493.42	
275	418.31	440.50	
280	362.57	382.17	
285	303.04	319.95	
290	242.41	256.74	
295	186.71	198.89	
300	150.11	161.14	
305	154.53	165.69	
310	201.36	214.07	
315	271.32	286.85	
320	351.46	370.55	
325	435.92	458.94	
330	521.71	548.82	
335	606.95	638.18	
340	690.31	725.60	
345	770.72	809.95	
350	847.32	890.32	
355	919.42	965.98	

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.

26 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission