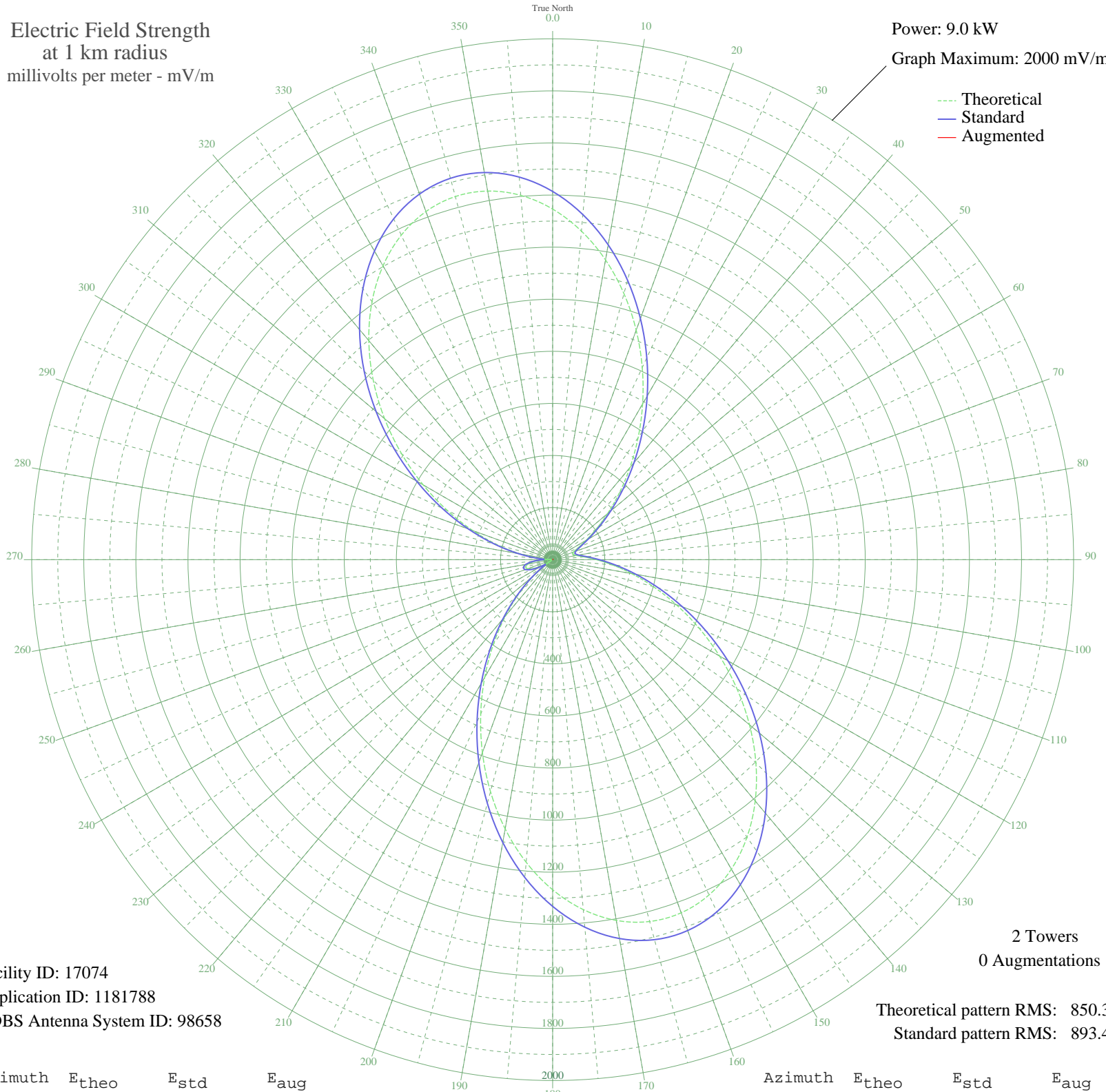


WZNA MOCA, PR BP-20061227AAE 1040 kHz

Daytime

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

Power: 9.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 17074
Application ID: 1181788
CDBS Antenna System ID: 98658

2 Towers
0 Augmentations

Theoretical pattern RMS: 850.30
Standard pattern RMS: 893.40

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1346.27	1413.93	
5	1266.49	1330.19	
10	1168.76	1227.60	
15	1057.58	1110.90	
20	937.71	985.10	
25	813.92	855.20	
30	690.70	725.92	
35	572.07	601.50	
40	461.49	485.59	
45	361.77	381.16	
50	275.10	290.57	
55	203.12	215.59	
60	146.98	157.51	
65	107.43	117.11	
70	84.93	94.58	
75	79.73	89.44	
80	91.86	101.47	
85	121.22	131.12	
90	167.48	178.65	
95	230.07	243.62	
100	308.09	325.02	
105	400.20	421.39	
110	504.56	530.73	
115	618.74	650.44	
120	739.65	777.27	
125	863.61	907.34	
130	986.39	1036.19	
135	1103.36	1158.96	
140	1209.73	1270.60	
145	1300.79	1366.19	
150	1372.25	1441.21	
155	1420.54	1491.90	
160	1443.06	1515.54	
165	1438.44	1510.69	
170	1406.60	1477.27	
175	1348.82	1416.61	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1267.59	1331.35	
185	1166.45	1225.18	
190	1049.68	1102.62	
195	922.03	968.64	
200	788.37	828.39	
205	653.43	686.83	
210	521.54	548.52	
215	396.47	417.48	
220	281.34	297.08	
225	178.63	190.19	
230	90.16	99.77	
235	17.23	36.32	
240	39.33	51.94	
245	79.01	88.74	
250	101.51	111.14	
255	106.71	116.39	
260	94.58	104.18	
265	65.19	75.35	
270	18.71	37.13	
275	44.47	56.33	
280	123.75	133.70	
285	218.10	231.16	
290	326.03	343.77	
295	445.46	468.79	
300	573.68	603.18	
305	707.28	743.31	
310	842.25	884.92	
315	974.08	1023.27	
320	1097.97	1153.29	
325	1209.04	1269.88	
330	1302.69	1368.19	
335	1374.91	1444.00	
340	1422.55	1494.01	
345	1443.58	1516.08	
350	1437.26	1509.45	
355	1404.19	1474.74	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission