

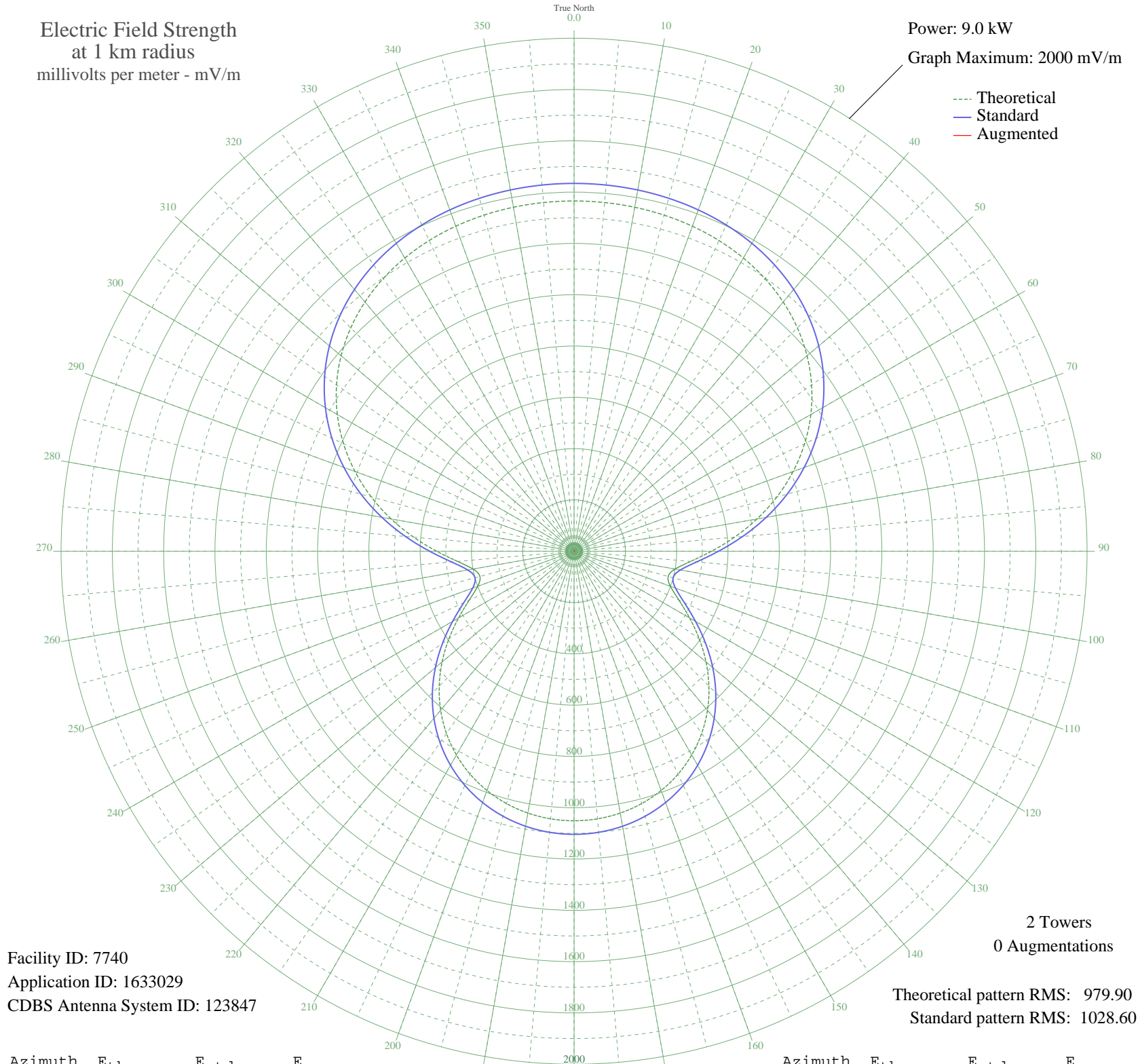
WMOB MOBILE, AL BMML-20140328ALF 1360 kHz

Daytime

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

Power: 9.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 7740
Application ID: 1633029
CDBS Antenna System ID: 123847

2 Towers
0 Augmentations

Theoretical pattern RMS: 979.90
Standard pattern RMS: 1028.60

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1365.49	1434.01	
5	1364.58	1433.05	
10	1361.72	1430.05	
15	1356.52	1424.60	
20	1348.39	1416.06	
25	1336.51	1403.59	
30	1319.92	1386.18	
35	1297.57	1362.71	
40	1268.38	1332.07	
45	1231.33	1293.17	
50	1185.56	1245.13	
55	1130.46	1187.28	
60	1065.75	1119.36	
65	991.63	1041.56	
70	908.85	954.67	
75	818.86	860.21	
80	724.00	760.66	
85	627.84	659.77	
90	535.78	563.20	
95	455.99	479.53	
100	400.01	420.86	
105	379.96	399.85	
110	399.85	420.68	
115	451.01	474.31	
120	519.91	546.55	
125	595.72	626.07	
130	671.60	705.68	
135	743.51	781.14	
140	809.14	850.02	
145	867.25	911.00	
150	917.26	963.50	
155	959.04	1007.34	
160	992.67	1042.65	
165	1018.42	1069.67	
170	1036.55	1088.70	
175	1047.32	1100.00	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1050.88	1103.75	
185	1047.32	1100.00	
190	1036.55	1088.70	
195	1018.42	1069.67	
200	992.67	1042.65	
205	959.04	1007.34	
210	917.26	963.50	
215	867.25	911.00	
220	809.14	850.02	
225	743.51	781.14	
230	671.60	705.68	
235	595.72	626.07	
240	519.90	546.55	
245	451.01	474.31	
250	399.85	420.68	
255	379.96	399.85	
260	400.01	420.86	
265	455.99	479.53	
270	535.78	563.20	
275	627.84	659.77	
280	724.00	760.66	
285	818.86	860.21	
290	908.85	954.67	
295	991.63	1041.56	
300	1065.75	1119.36	
305	1130.46	1187.28	
310	1185.56	1245.13	
315	1231.33	1293.17	
320	1268.38	1332.07	
325	1297.57	1362.71	
330	1319.92	1386.18	
335	1336.51	1403.59	
340	1348.39	1416.06	
345	1356.52	1424.60	
350	1361.72	1430.05	
355	1364.58	1433.05	

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.

6 Oct 2022

Prepared by Audio Division, Media Bureau
Federal Communications Commission