

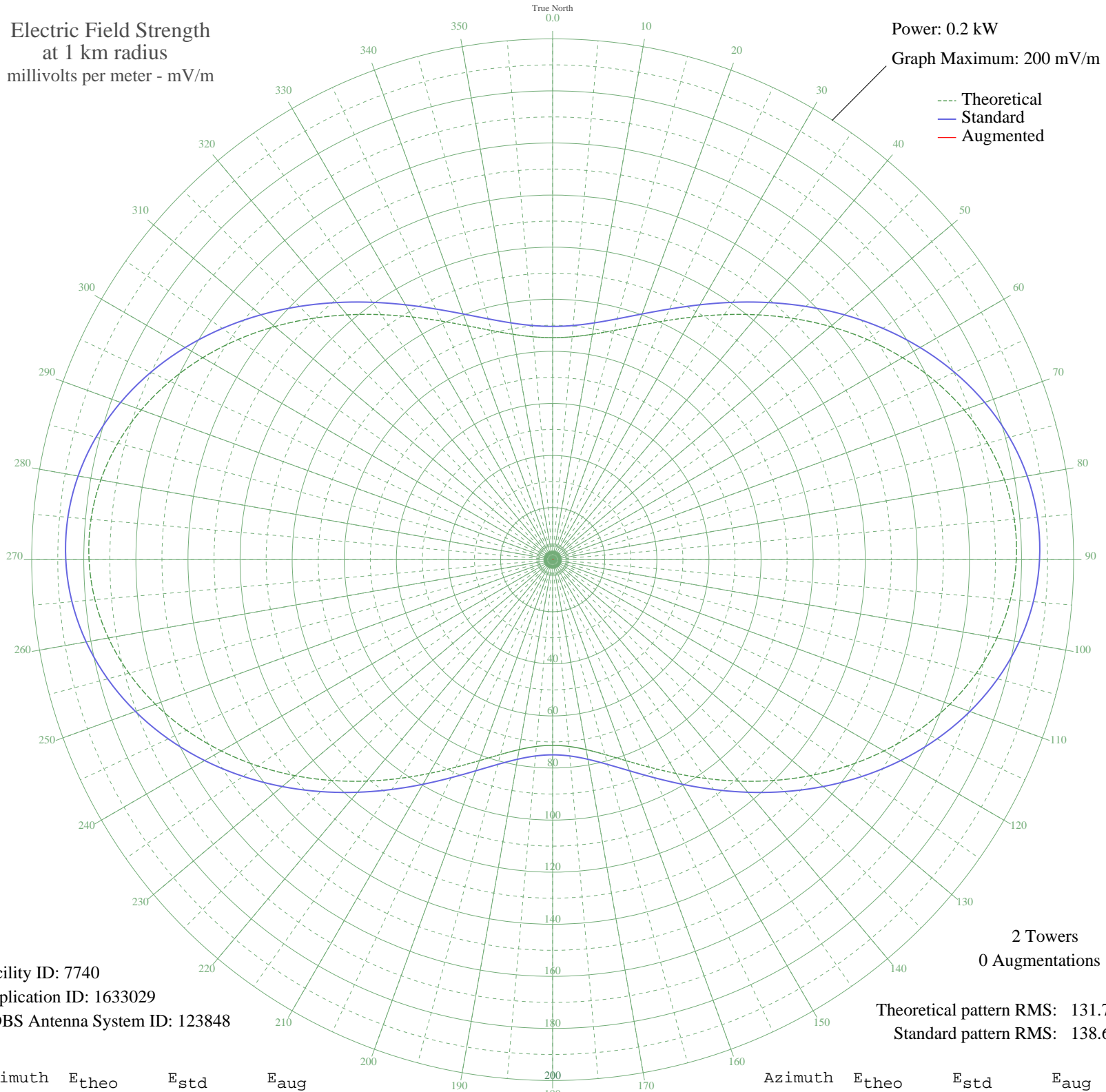
WMOB MOBILE, AL BMML-20140328ALF 1360 kHz

Nighttime

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

Power: 0.2 kW
Graph Maximum: 200 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 7740
Application ID: 1633029
CDBS Antenna System ID: 123848

2 Towers
0 Augmentations

Theoretical pattern RMS: 131.70
Standard pattern RMS: 138.60

Azimuth	E _{theo}	E _{std}	E _{aug}
0	85.24	89.56	
5	85.90	90.26	
10	87.88	92.33	
15	91.12	95.73	
20	95.56	100.39	
25	101.09	106.19	
30	107.57	113.00	
35	114.85	120.63	
40	122.71	128.89	
45	130.93	137.51	
50	139.25	146.25	
55	147.41	154.82	
60	155.12	162.91	
65	162.10	170.23	
70	168.08	176.51	
75	172.83	181.50	
80	176.16	184.99	
85	177.90	186.83	
90	177.99	186.92	
95	176.40	185.24	
100	173.16	181.85	
105	168.41	176.86	
110	162.29	170.44	
115	155.04	162.82	
120	146.89	154.27	
125	138.13	145.08	
130	129.04	135.54	
135	119.91	125.95	
140	110.99	116.59	
145	102.55	107.73	
150	94.80	99.59	
155	87.93	92.39	
160	82.11	86.28	
165	77.45	81.39	
170	74.06	77.83	
175	72.00	75.67	

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	71.31	74.94	
185	72.00	75.67	
190	74.06	77.83	
195	77.45	81.39	
200	82.11	86.28	
205	87.93	92.39	
210	94.80	99.59	
215	102.55	107.73	
220	110.99	116.59	
225	119.91	125.95	
230	129.04	135.54	
235	138.13	145.08	
240	146.89	154.27	
245	155.04	162.82	
250	162.29	170.44	
255	168.41	176.86	
260	173.16	181.85	
265	176.40	185.24	
270	177.99	186.92	
275	177.90	186.83	
280	176.16	184.99	
285	172.83	181.50	
290	168.08	176.51	
295	162.10	170.23	
300	155.12	162.91	
305	147.41	154.82	
310	139.25	146.25	
315	130.93	137.51	
320	122.71	128.89	
325	114.85	120.63	
330	107.57	113.00	
335	101.09	106.19	
340	95.56	100.39	
345	91.12	95.73	
350	87.88	92.33	
355	85.90	90.26	