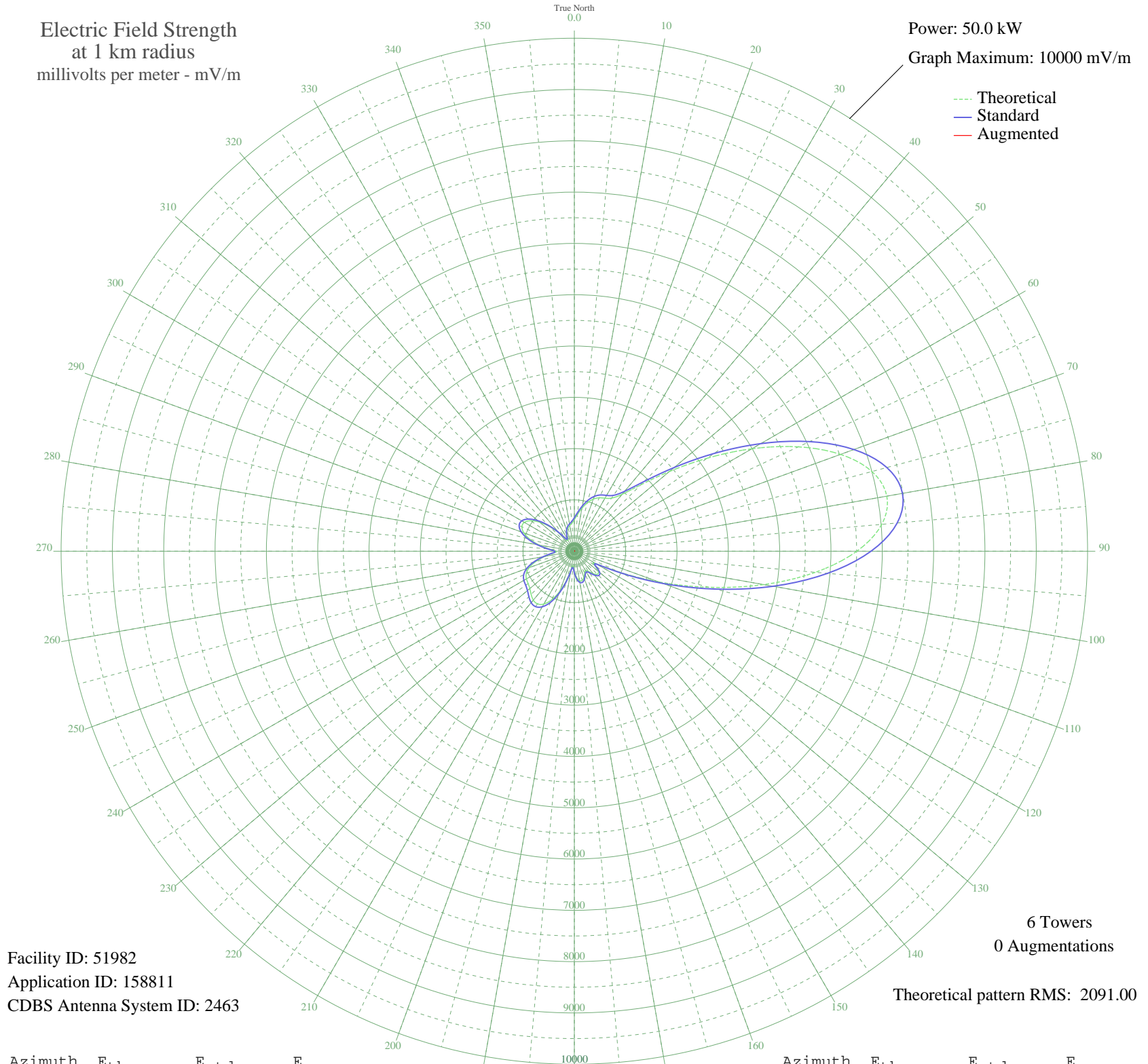


# WYGM ORLANDO, FL BL-19910401AC 740 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 10000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 51982  
Application ID: 158811  
CDBS Antenna System ID: 2463

6 Towers  
0 Augmentations

Theoretical pattern RMS: 2091.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	615.78	652.39	
5	720.04	761.03	
10	848.12	894.76	
15	975.88	1028.36	
20	1080.27	1137.61	
25	1149.18	1209.77	
30	1193.64	1256.33	
35	1263.63	1329.66	
40	1448.93	1523.86	
45	1828.95	1922.37	
50	2415.53	2537.80	
55	3162.40	3321.66	
60	3993.73	4194.31	
65	4814.84	5056.33	
70	5519.41	5796.03	
75	6002.97	6303.72	
80	6182.11	6491.80	
85	6013.21	6314.47	
90	5504.26	5780.12	
95	4715.03	4951.55	
100	3745.55	3933.78	
105	2716.30	2853.44	
110	1747.85	1837.30	
115	951.89	1003.26	
120	476.60	507.93	
125	481.96	513.48	
130	607.74	644.02	
135	634.12	671.48	
140	570.75	605.56	
145	478.88	510.28	
150	434.79	464.73	
155	471.88	503.04	
160	542.96	576.70	
165	590.11	625.69	
170	582.16	617.42	
175	510.41	542.94	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	389.46	418.07	
185	289.80	316.46	
190	364.82	392.80	
195	584.37	619.72	
200	829.69	875.51	
205	1041.96	1097.51	
210	1187.96	1250.38	
215	1252.94	1318.46	
220	1243.88	1308.97	
225	1190.12	1252.64	
230	1132.72	1192.53	
235	1098.60	1156.80	
240	1077.82	1135.04	
245	1034.07	1089.25	
250	936.39	987.04	
255	778.59	822.13	
260	581.99	617.25	
265	400.88	429.80	
270	351.47	379.15	
275	487.76	519.48	
280	693.58	733.43	
285	892.23	940.87	
290	1045.42	1101.13	
295	1127.56	1187.12	
300	1124.58	1184.00	
305	1036.42	1091.71	
310	877.07	925.02	
315	672.12	711.06	
320	457.00	487.66	
325	285.60	312.23	
330	246.45	272.98	
335	324.44	351.58	
340	410.66	439.87	
345	469.86	500.95	
350	507.94	540.38	
355	548.13	582.07	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission