

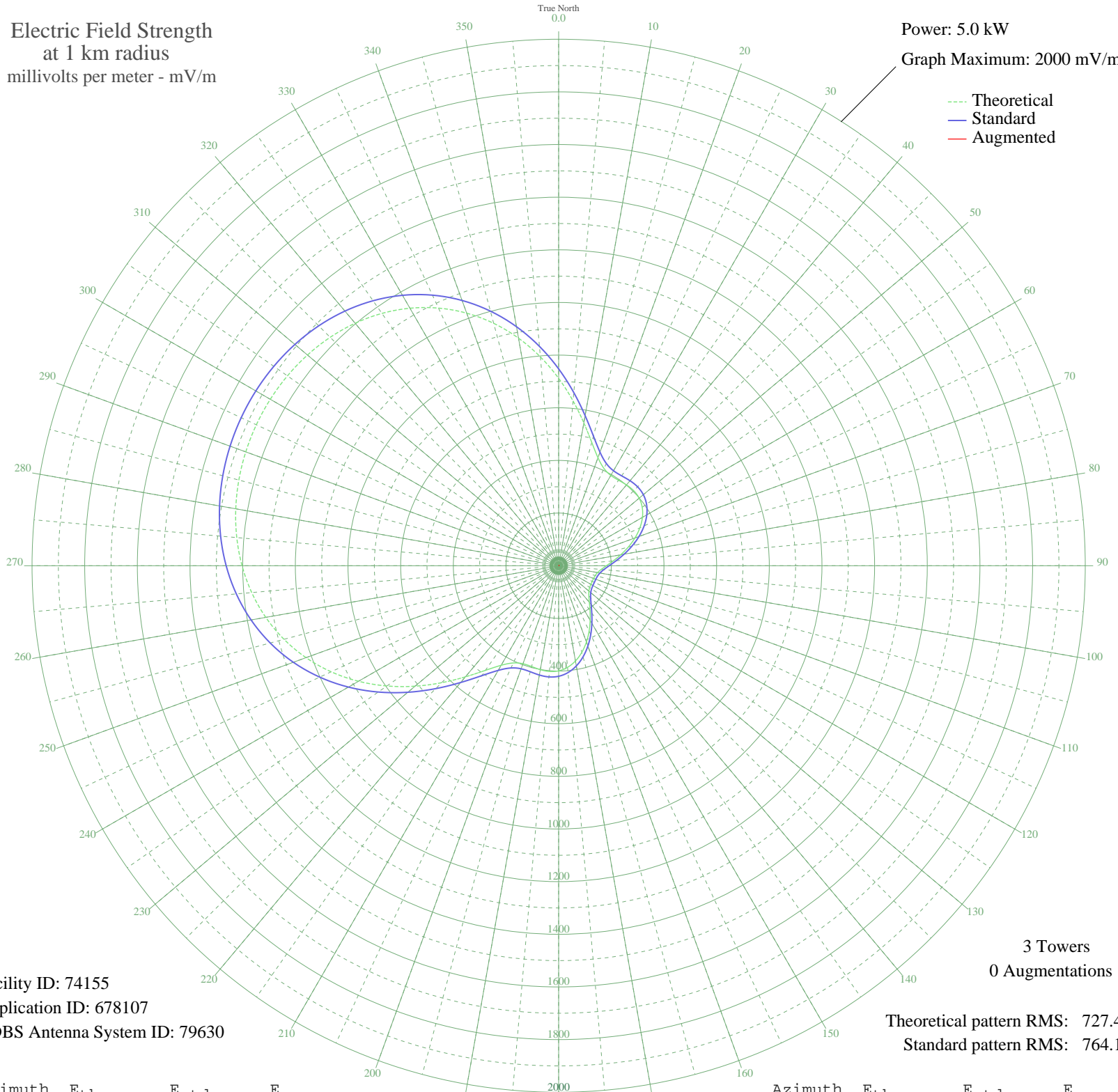
WQBN TEMPLE TERRACE, FL BL-20030730BDG 1300 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 74155
Application ID: 678107
CDBS Antenna System ID: 79630

3 Towers
0 Augmentations

Theoretical pattern RMS: 727.43
Standard pattern RMS: 764.16

Azimuth	E _{theo}	E _{std}	E _{aug}
0	711.85	747.82	
5	628.39	660.23	
10	550.98	579.00	
15	485.31	510.12	
20	436.61	459.04	
25	407.52	428.54	
30	396.16	416.63	
35	396.43	416.92	
40	400.87	421.56	
45	403.17	423.98	
50	399.30	419.92	
55	387.43	407.47	
60	367.42	386.50	
65	340.40	358.19	
70	308.34	324.61	
75	273.70	288.34	
80	239.22	252.28	
85	207.63	219.28	
90	181.38	191.89	
95	162.10	171.81	
100	150.00	159.24	
105	143.79	152.80	
110	141.31	150.22	
115	140.71	149.60	
120	141.31	150.22	
125	143.79	152.80	
130	150.00	159.24	
135	162.09	171.81	
140	181.38	191.89	
145	207.63	219.28	
150	239.22	252.27	
155	273.70	288.34	
160	308.34	324.61	
165	340.40	358.19	
170	367.42	386.50	
175	387.43	407.47	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	399.30	419.92	
185	403.17	423.97	
190	400.87	421.56	
195	396.43	416.92	
200	396.16	416.63	
205	407.52	428.54	
210	436.61	459.04	
215	485.31	510.12	
220	550.98	579.00	
225	628.39	660.23	
230	711.85	747.81	
235	796.32	836.46	
240	877.78	921.97	
245	953.32	1001.27	
250	1021.03	1072.33	
255	1079.85	1134.08	
260	1129.47	1186.17	
265	1170.12	1228.85	
270	1202.40	1262.74	
275	1227.14	1288.71	
280	1245.23	1307.70	
285	1257.47	1320.55	
290	1264.53	1327.97	
295	1266.84	1330.39	
300	1264.53	1327.97	
305	1257.47	1320.55	
310	1245.23	1307.70	
315	1227.14	1288.71	
320	1202.40	1262.74	
325	1170.12	1228.85	
330	1129.47	1186.17	
335	1079.85	1134.08	
340	1021.03	1072.33	
345	953.32	1001.27	
350	877.78	921.97	
355	796.32	836.46	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission