

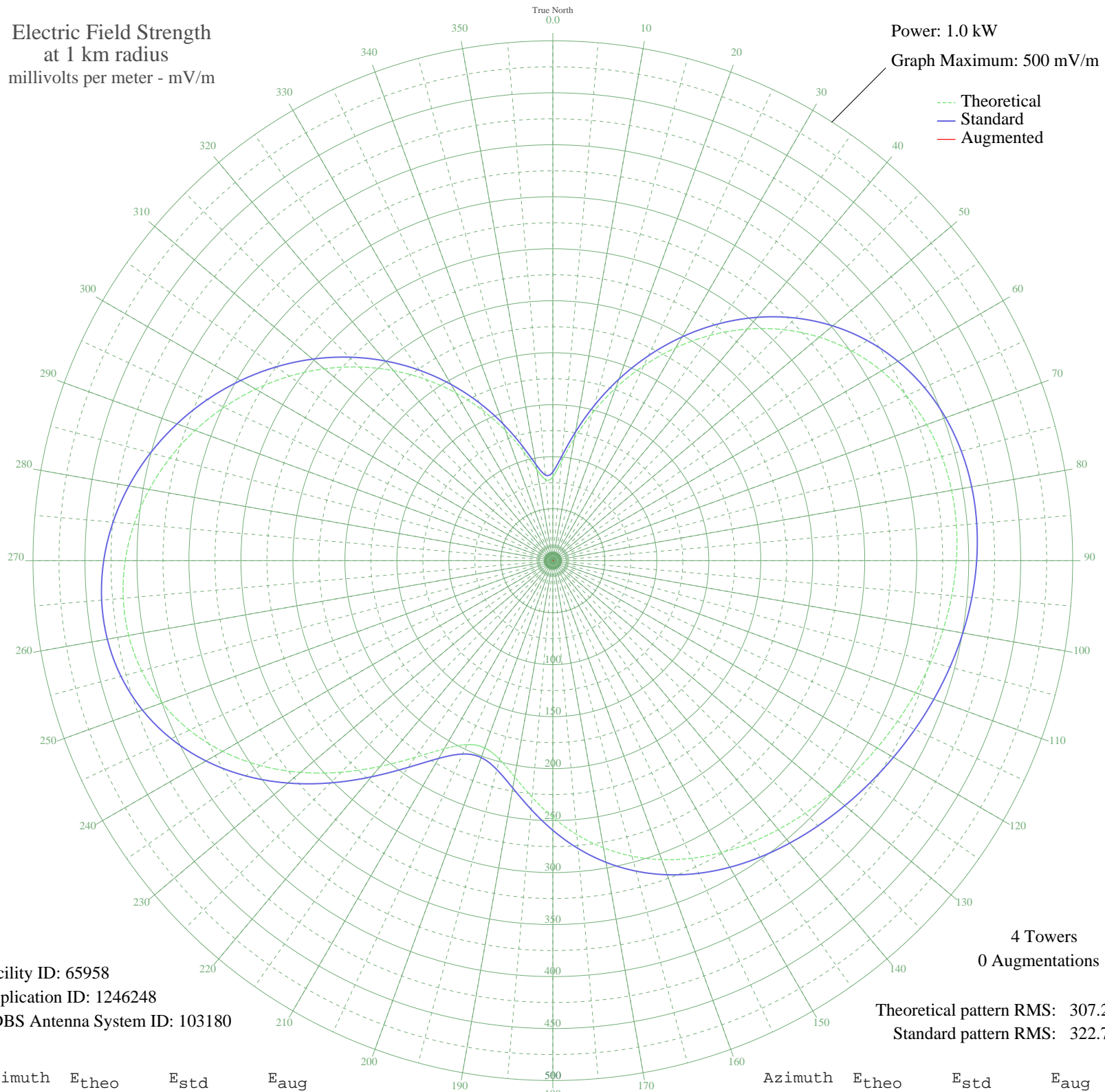
WLQR TOLEDO, OH BP-20080227ACC 1470 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 65958  
Application ID: 1246248  
CDBS Antenna System ID: 103180

4 Towers  
0 Augmentations

Theoretical pattern RMS: 307.24  
Standard pattern RMS: 322.77

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	80.63	85.31	
5	95.89	101.23	
10	119.30	125.70	
15	146.98	154.69	
20	176.63	185.76	
25	206.81	217.40	
30	236.45	248.49	
35	264.68	278.11	
40	290.78	305.50	
45	314.18	330.06	
50	334.47	351.35	
55	351.43	369.15	
60	365.02	383.42	
65	375.37	394.27	
70	382.69	401.96	
75	387.28	406.78	
80	389.49	409.09	
85	389.65	409.27	
90	388.11	407.65	
95	385.20	404.60	
100	381.23	400.43	
105	376.48	395.45	
110	371.24	389.94	
115	365.73	384.15	
120	360.12	378.27	
125	354.53	372.40	
130	348.96	366.56	
135	343.35	360.67	
140	337.53	354.56	
145	331.22	347.94	
150	324.12	340.48	
155	315.83	331.79	
160	305.99	321.46	
165	294.24	309.13	
170	280.38	294.59	
175	264.43	277.85	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	246.78	259.33	
185	228.44	240.10	
190	211.24	222.05	
195	197.88	208.04	
200	191.64	201.50	
205	195.15	205.18	
210	208.90	219.59	
215	230.98	242.76	
220	258.29	271.40	
225	287.71	302.28	
230	316.74	332.74	
235	343.51	360.84	
240	366.75	385.24	
245	385.70	405.12	
250	399.95	420.08	
255	409.43	430.03	
260	414.27	435.11	
265	414.77	435.63	
270	411.30	431.99	
275	404.30	424.65	
280	394.20	414.04	
285	381.39	400.60	
290	366.24	384.69	
295	349.02	366.62	
300	329.97	346.63	
305	309.27	324.90	
310	287.05	301.58	
315	263.43	276.80	
320	238.58	250.73	
325	212.70	223.58	
330	186.11	195.70	
335	159.30	167.60	
340	133.06	140.10	
345	108.75	114.67	
350	88.96	94.00	
355	78.12	82.70	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission