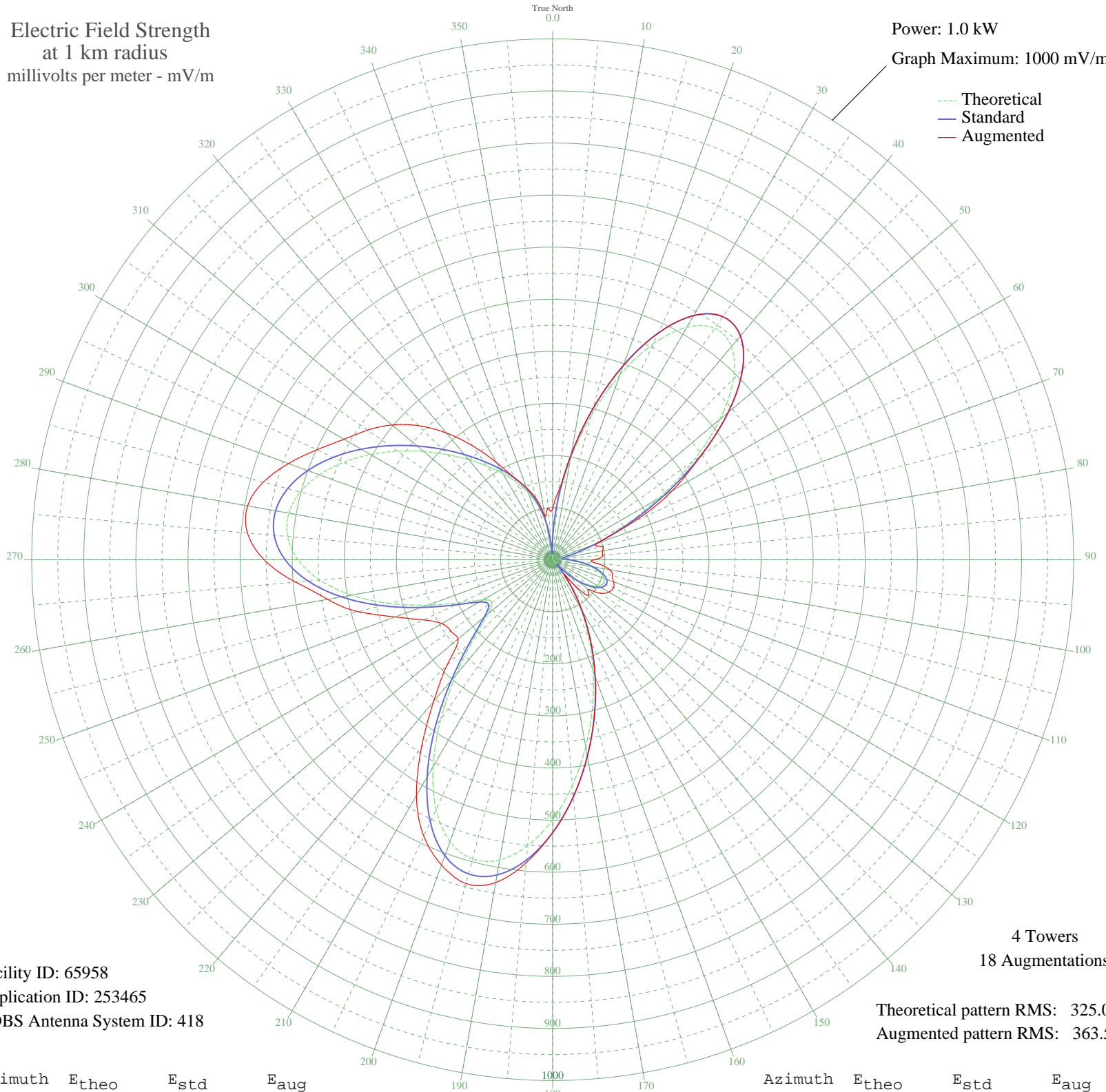


WLQR TOLEDO, OH BL-19970918KA 1470 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 65958
Application ID: 253465
CDBS Antenna System ID: 418

4 Towers
18 Augmentations

Theoretical pattern RMS: 325.09
Augmented pattern RMS: 363.56

Azimuth	E _{theo}	E _{std}	E _{aug}
0	36.80	40.05	98.06
5	109.97	115.94	132.06
10	194.93	204.94	204.94
15	286.83	301.35	301.35
20	377.71	396.73	396.73
25	457.39	480.37	480.37
30	515.23	541.09	541.09
35	542.37	569.59	569.59
40	533.97	560.77	560.77
45	490.66	515.30	515.30
50	418.78	439.85	439.85
55	329.24	345.86	345.86
60	235.19	247.17	266.07
65	149.29	157.11	169.26
70	81.28	85.99	89.88
75	36.48	39.72	97.59
80	15.49	19.36	97.25
85	14.94	18.88	96.42
90	28.93	32.14	80.38
95	50.61	54.17	86.74
100	73.58	77.97	111.04
105	92.72	97.92	119.07
110	104.61	110.34	124.16
115	107.45	113.31	128.75
120	100.72	106.28	124.46
125	84.80	89.66	112.65
130	60.48	64.36	88.76
135	28.60	31.82	97.17
140	10.10	14.92	56.28
145	55.20	58.90	58.90
150	106.48	112.30	112.30
155	163.81	172.32	172.32
160	226.83	238.40	238.40
165	294.58	309.48	309.48
170	365.04	383.44	383.44
175	434.82	456.68	456.68

Azimuth	E _{theo}	E _{std}	E _{aug}
180	499.00	524.05	524.05
185	551.38	579.05	584.29
190	585.27	614.62	629.32
195	594.69	624.52	643.74
200	575.96	604.85	623.96
205	529.13	555.69	585.54
210	458.89	481.95	523.04
215	374.48	393.34	438.71
220	288.36	302.96	355.57
225	213.98	224.92	287.32
230	162.93	171.40	237.24
235	142.59	150.09	238.86
240	154.63	162.70	245.50
245	194.98	205.00	273.59
250	255.16	268.12	321.70
255	324.35	340.73	386.24
260	391.80	411.52	438.54
265	448.67	471.22	495.06
270	489.19	513.76	554.00
275	510.90	536.54	588.11
280	514.18	539.99	594.55
285	501.47	526.65	574.97
290	476.30	500.22	539.66
295	442.53	464.78	499.31
300	403.80	424.12	462.44
305	363.20	381.50	433.68
310	323.11	339.43	402.34
315	285.23	299.68	363.79
320	250.54	263.27	317.68
325	219.29	230.50	266.23
330	191.01	200.84	214.95
335	164.40	172.94	173.43
340	137.34	144.59	146.52
345	106.97	112.81	120.62
350	69.93	74.17	84.87
355	22.86	26.20	99.48

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