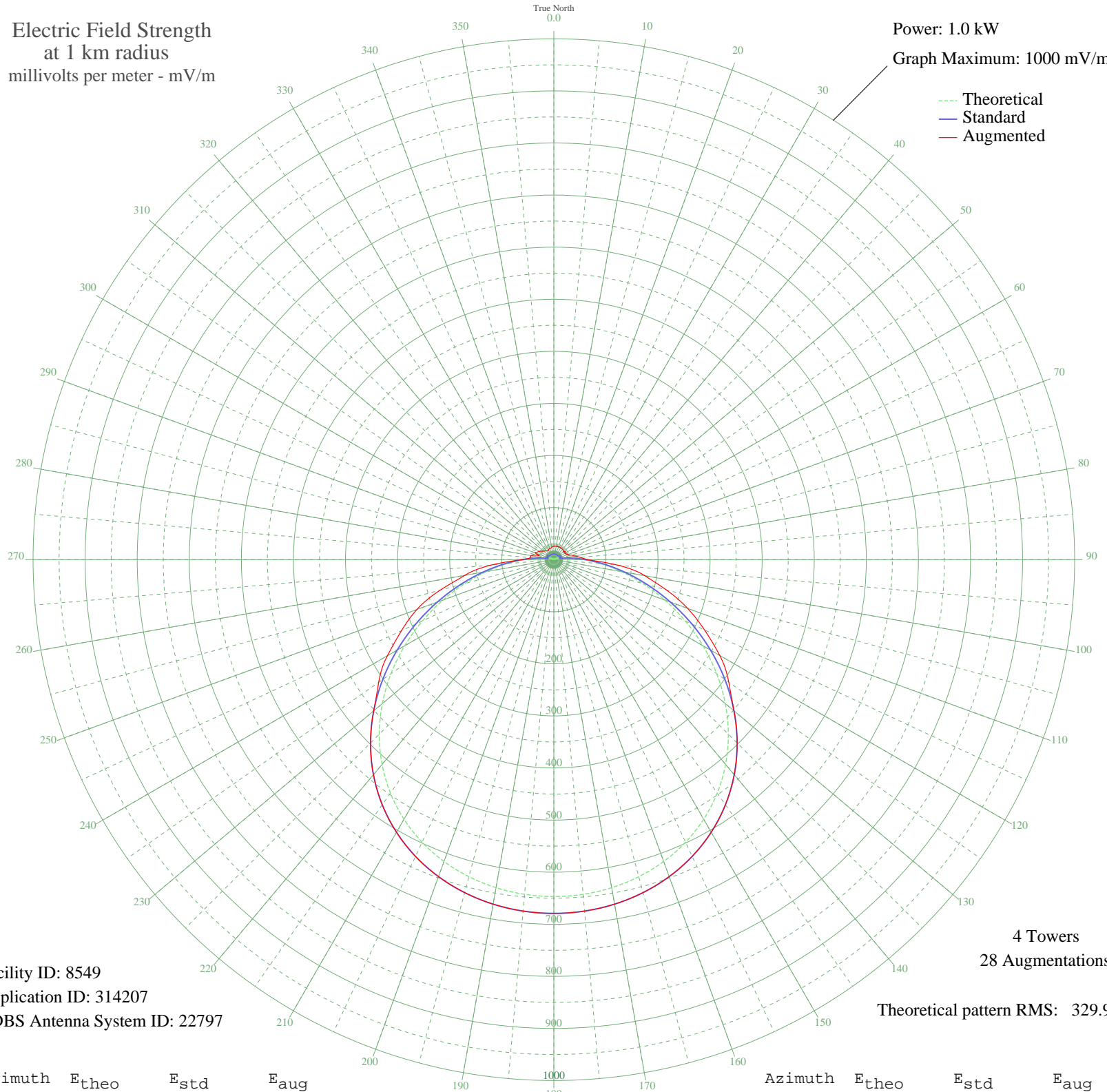


# WINW CANTON, OH BL-- 1520 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 8549  
Application ID: 314207  
CDBS Antenna System ID: 22797

4 Towers  
28 Augmentations  
Theoretical pattern RMS: 329.92

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	3.02	11.07	25.75
5	2.69	10.97	25.88
10	1.74	10.76	26.12
15	0.36	10.61	26.23
20	1.15	10.67	26.28
25	2.45	10.91	26.44
30	3.17	11.12	26.55
35	3.02	11.07	26.35
40	1.81	10.77	25.85
45	0.45	10.62	25.59
50	3.47	11.21	23.07
55	6.69	12.72	26.80
60	9.22	14.36	24.14
65	9.93	14.88	25.75
70	7.52	13.22	29.29
75	0.64	10.63	33.87
80	11.95	16.43	40.55
85	31.18	34.41	50.58
90	57.57	61.37	65.51
95	91.11	96.25	124.35
100	131.24	138.21	177.48
105	176.88	186.03	223.22
110	226.54	238.10	273.38
115	278.45	292.56	319.25
120	330.78	347.48	367.90
125	381.76	400.99	410.00
130	429.89	451.51	451.51
135	473.96	497.77	497.77
140	513.15	538.91	538.91
145	547.02	574.47	574.47
150	575.44	604.31	604.31
155	598.56	628.57	628.57
160	616.68	647.60	647.60
165	630.20	661.79	661.79
170	639.51	671.57	671.57
175	644.95	677.28	677.28

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	646.74	679.16	679.16
185	644.95	677.28	677.28
190	639.51	671.57	671.57
195	630.20	661.79	661.79
200	616.68	647.60	647.60
205	598.56	628.57	628.57
210	575.44	604.30	604.30
215	547.02	574.47	574.47
220	513.15	538.91	538.91
225	473.96	497.77	497.77
230	429.89	451.51	451.51
235	381.76	400.99	410.61
240	330.77	347.48	369.25
245	278.45	292.56	322.88
250	226.54	238.10	280.01
255	176.88	186.03	225.88
260	131.24	138.21	173.84
265	91.11	96.25	121.75
270	57.57	61.37	61.37
275	31.18	34.41	45.17
280	11.95	16.43	44.53
285	0.64	10.63	31.14
290	7.52	13.22	38.30
295	9.93	14.88	34.60
300	9.22	14.36	32.19
305	6.69	12.72	28.32
310	3.47	11.21	25.43
315	0.45	10.62	23.50
320	1.81	10.77	22.14
325	3.02	11.07	20.95
330	3.17	11.12	20.92
335	2.45	10.91	22.43
340	1.15	10.67	22.55
345	0.36	10.61	23.01
350	1.74	10.76	23.74
355	2.69	10.97	25.10

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission