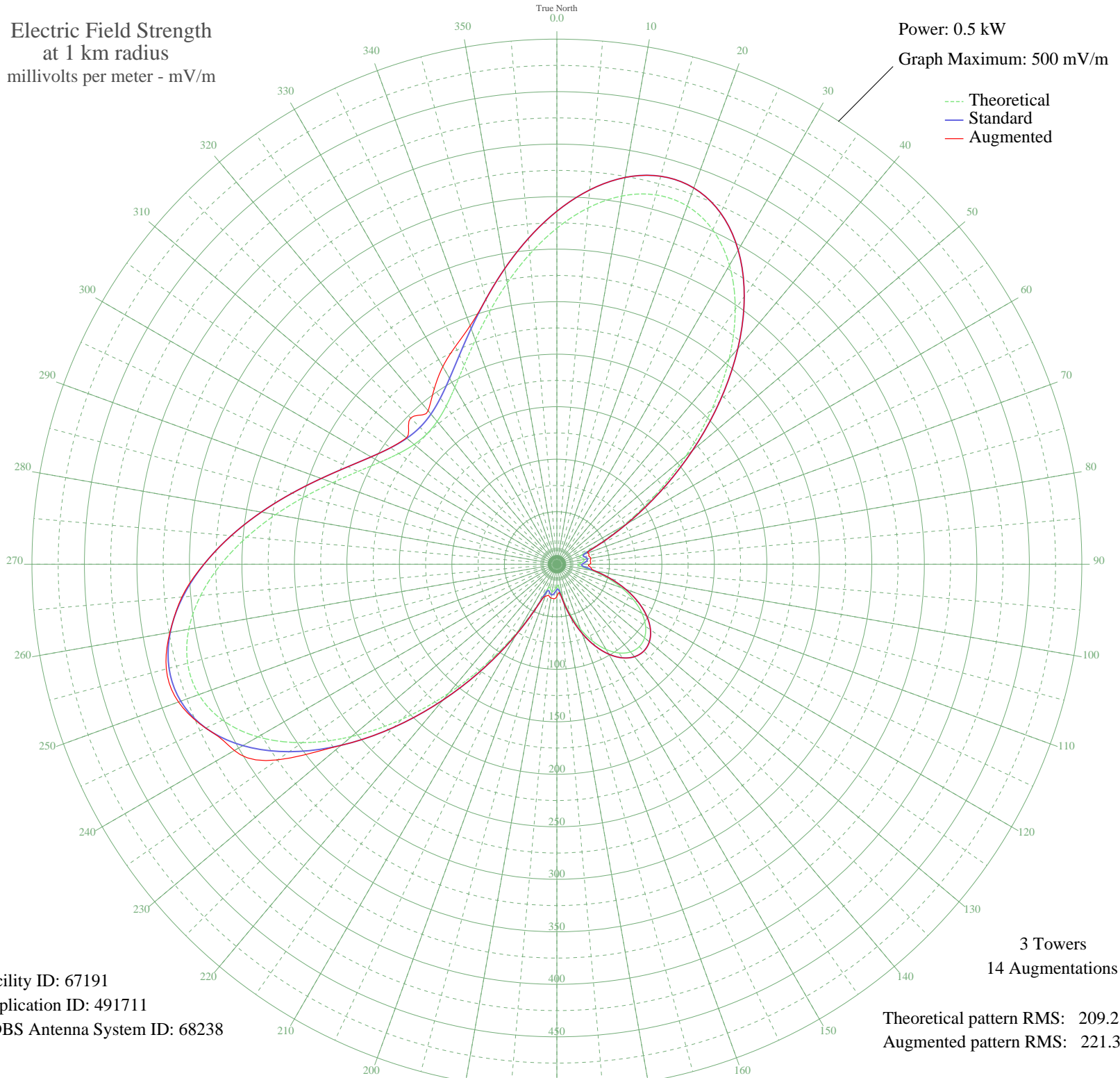


WINR BINGHAMTON, NY BL-20000222AAC 680 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 67191
Application ID: 491711
CDBS Antenna System ID: 68238

Theoretical pattern RMS: 209.21
Augmented pattern RMS: 221.32

Azimuth	E _{theo}	E _{std}	E _{aug}
0	319.94	336.10	336.10
5	340.54	357.73	357.73
10	356.00	373.95	373.95
15	364.10	382.45	382.45
20	362.96	381.25	381.25
25	351.31	369.02	369.02
30	328.80	345.40	345.40
35	296.18	311.17	311.17
40	255.27	268.24	268.24
45	208.87	219.56	219.56
50	160.43	168.78	168.78
55	113.73	119.87	119.87
60	72.50	76.84	76.84
65	40.72	44.02	44.02
70	24.14	27.43	31.37
75	24.04	27.33	31.39
80	26.38	29.62	32.81
85	24.51	27.80	31.90
90	20.54	23.98	31.26
95	22.25	25.61	32.19
100	33.50	36.71	36.71
105	49.27	52.79	52.79
110	65.74	69.82	69.82
115	80.92	85.61	85.61
120	93.64	98.88	98.88
125	103.15	108.82	108.82
130	109.02	114.95	114.95
135	111.00	117.02	117.02
140	109.02	114.95	114.95
145	103.15	108.82	108.82
150	93.64	98.88	98.88
155	80.92	85.61	85.61
160	65.74	69.82	69.82
165	49.27	52.79	52.79
170	33.50	36.71	36.71
175	22.25	25.61	27.15

Azimuth	E _{theo}	E _{std}	E _{aug}
180	20.54	23.98	30.51
185	24.51	27.80	32.93
190	26.38	29.62	32.69
195	24.04	27.33	30.77
200	24.14	27.43	32.65
205	40.72	44.02	44.02
210	72.50	76.84	76.84
215	113.73	119.87	119.87
220	160.43	168.78	168.78
225	208.87	219.56	219.56
230	255.27	268.24	268.24
235	296.18	311.17	324.78
240	328.80	345.40	354.71
245	351.31	369.02	369.11
250	362.96	381.25	383.52
255	364.10	382.45	385.12
260	356.00	373.95	374.31
265	340.54	357.73	358.54
270	319.94	336.10	336.19
275	296.43	311.43	311.43
280	272.07	285.86	285.86
285	248.56	261.20	261.20
290	227.22	238.81	238.81
295	208.97	219.67	219.67
300	194.40	204.39	204.39
305	183.85	193.33	193.45
310	177.47	186.64	187.11
315	175.34	184.40	196.97
320	177.47	186.64	190.70
325	183.85	193.33	203.69
330	194.40	204.39	217.26
335	208.97	219.67	228.75
340	227.22	238.81	241.64
345	248.56	261.20	261.20
350	272.07	285.86	285.86
355	296.43	311.43	311.43

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission