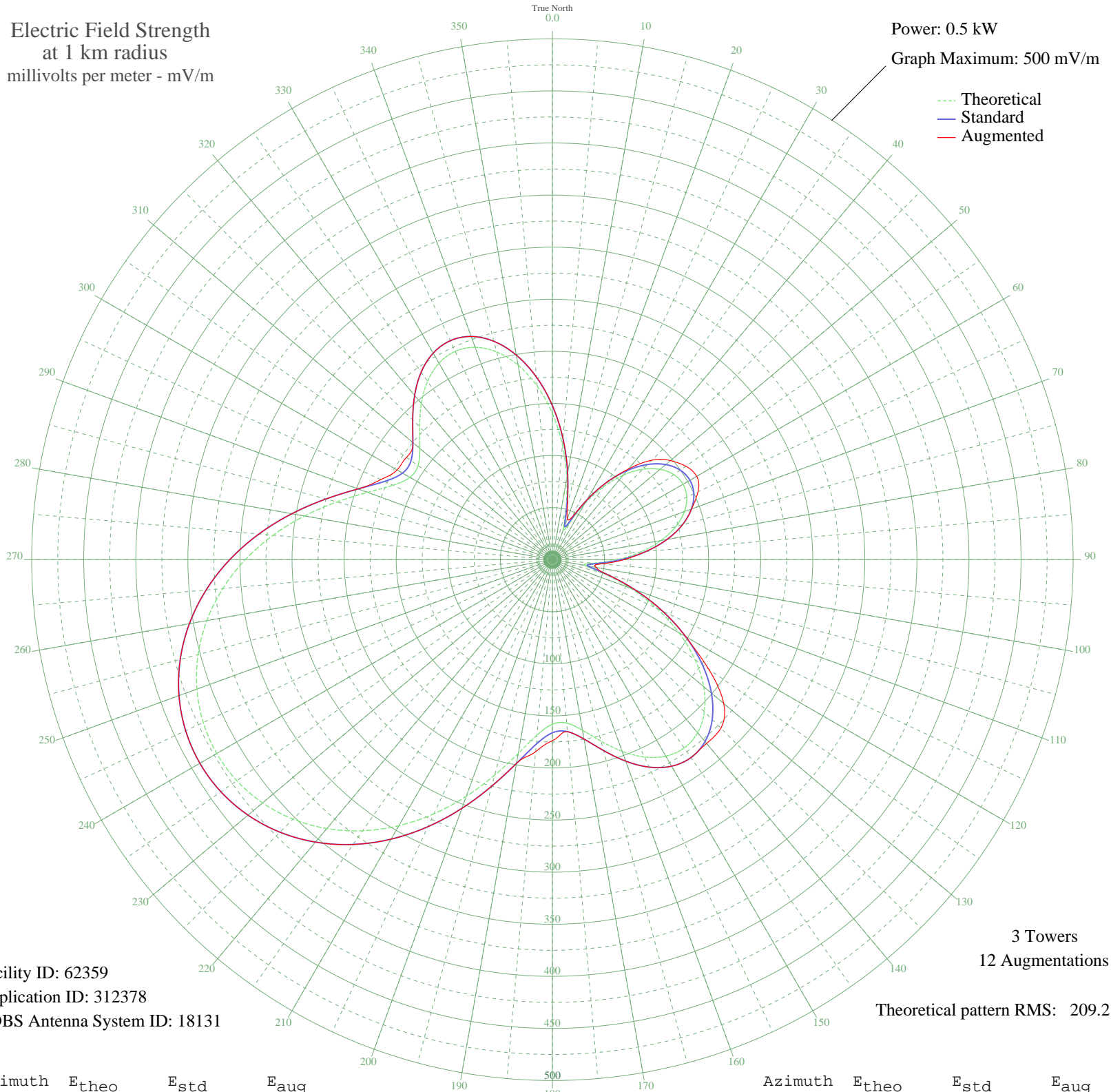


WKAN KANKAKEE, IL BML-2145 1320 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 62359
Application ID: 312378
CDBS Antenna System ID: 18131

3 Towers
12 Augmentations
Theoretical pattern RMS: 209.21

Azimuth	E _{theo}	E _{std}	E _{aug}
0	140.37	147.77	148.06
5	110.54	116.55	116.86
10	79.49	84.13	84.39
15	50.14	53.70	55.93
20	31.26	34.49	41.84
25	39.46	42.77	45.40
30	62.04	66.00	66.00
35	85.35	90.25	90.25
40	105.95	111.75	113.73
45	122.66	129.23	134.99
50	134.90	142.04	147.94
55	142.35	149.84	156.41
60	144.85	152.46	160.03
65	142.35	149.84	154.28
70	134.90	142.04	142.21
75	122.66	129.23	129.23
80	105.95	111.75	111.75
85	85.35	90.25	90.25
90	62.04	66.00	68.59
95	39.46	42.77	46.83
100	31.26	34.49	42.60
105	50.14	53.70	53.85
110	79.49	84.13	84.13
115	110.54	116.55	116.55
120	140.37	147.77	147.77
125	167.19	175.87	183.26
130	189.58	199.35	214.77
135	206.43	217.01	228.79
140	216.92	228.02	230.32
145	220.68	231.95	231.95
150	217.80	228.94	228.94
155	209.02	219.72	219.72
160	195.76	205.82	205.82
165	180.37	189.69	189.69
170	166.22	174.85	174.85
175	157.48	165.69	165.69

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	157.95	166.19	173.81
185	169.00	177.76	185.07
190	188.84	198.57	198.57
195	214.14	225.10	225.10
200	241.72	254.03	254.03
205	269.18	282.84	282.84
210	294.87	309.79	309.79
215	317.69	333.74	333.74
220	336.94	353.95	353.95
225	352.21	369.97	369.97
230	363.24	381.54	381.54
235	369.89	388.53	388.53
240	372.12	390.87	390.87
245	369.89	388.53	388.53
250	363.24	381.54	381.54
255	352.21	369.97	369.97
260	336.94	353.95	353.95
265	317.69	333.74	333.74
270	294.87	309.79	309.79
275	269.18	282.84	282.84
280	241.72	254.03	254.03
285	214.14	225.10	225.10
290	188.84	198.56	198.56
295	169.00	177.76	181.87
300	157.95	166.19	172.26
305	157.48	165.69	171.14
310	166.22	174.85	174.85
315	180.37	189.69	189.69
320	195.76	205.82	205.82
325	209.02	219.72	219.72
330	217.80	228.94	228.94
335	220.68	231.95	231.95
340	216.92	228.02	228.02
345	206.43	217.01	217.04
350	189.58	199.35	199.45
355	167.19	175.87	176.08