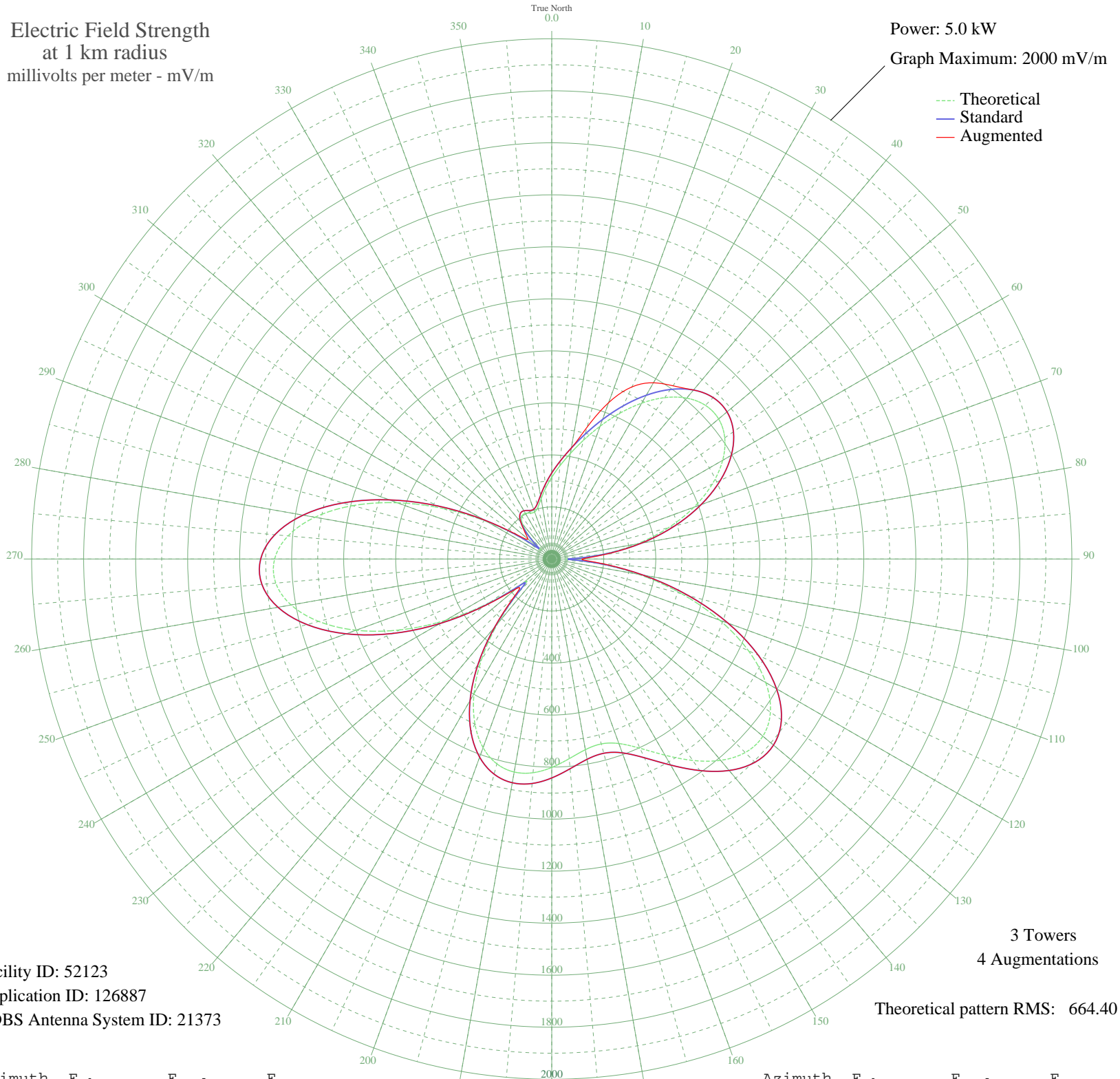


WACK NEWARK, NY BL-19890331AF 1420 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 52123
Application ID: 126887
CDBS Antenna System ID: 21373

3 Towers
4 Augmentations
Theoretical pattern RMS: 664.40

Azimuth	E _{theo}	E _{std}	E _{aug}
0	314.12	330.66	330.66
5	359.65	378.36	378.36
10	411.84	433.07	433.07
15	473.02	497.23	524.51
20	542.88	570.51	639.61
25	617.84	649.16	730.00
30	691.78	726.75	782.17
35	757.38	795.59	812.92
40	807.36	848.05	848.05
45	835.58	877.67	877.67
50	837.78	879.99	879.99
55	812.09	853.02	853.02
60	759.03	797.32	797.32
65	681.06	715.50	715.50
70	581.76	611.30	611.30
75	464.64	488.44	488.44
80	332.46	349.87	349.87
85	187.92	198.71	208.68
90	55.82	63.14	116.43
95	163.03	172.79	188.21
100	339.03	356.75	356.84
105	517.92	544.32	544.32
110	687.08	721.82	721.82
115	834.74	876.80	876.80
120	950.40	998.19	998.19
125	1026.51	1078.09	1078.09
130	1059.89	1113.14	1113.14
135	1052.34	1105.21	1105.21
140	1010.53	1061.32	1061.32
145	945.35	992.90	992.90
150	870.89	914.73	914.73
155	802.72	843.18	843.18
160	755.01	793.11	793.11
165	736.00	773.16	773.16
170	744.40	781.97	781.97
175	770.53	809.40	809.40

Azimuth	E _{theo}	E _{std}	E _{aug}
180	801.35	841.74	841.74
185	824.82	866.38	866.38
190	831.63	873.53	873.53
195	815.31	856.40	856.40
200	771.82	810.75	810.75
205	699.25	734.59	734.59
210	597.80	628.13	628.13
215	470.00	494.06	494.06
220	322.21	339.13	340.37
225	174.79	185.02	203.08
230	144.50	153.53	177.64
235	292.27	307.78	310.72
240	471.62	495.76	495.76
245	645.55	678.23	678.23
250	800.73	841.10	841.10
255	927.51	974.16	974.16
260	1017.83	1068.98	1068.98
265	1065.31	1118.82	1118.82
270	1065.74	1119.27	1119.27
275	1017.96	1069.11	1069.11
280	924.57	971.08	971.08
285	792.40	832.35	832.35
290	632.31	664.34	664.34
295	458.29	481.77	481.77
300	286.17	301.40	301.40
305	133.73	142.37	159.77
310	54.97	62.31	120.00
315	119.24	127.39	146.58
320	174.92	185.16	185.16
325	200.51	211.84	211.84
330	202.71	214.14	214.14
335	194.75	205.83	205.83
340	192.36	203.34	203.34
345	206.10	217.68	217.68
350	235.12	248.00	248.00
355	272.62	287.21	287.21

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission