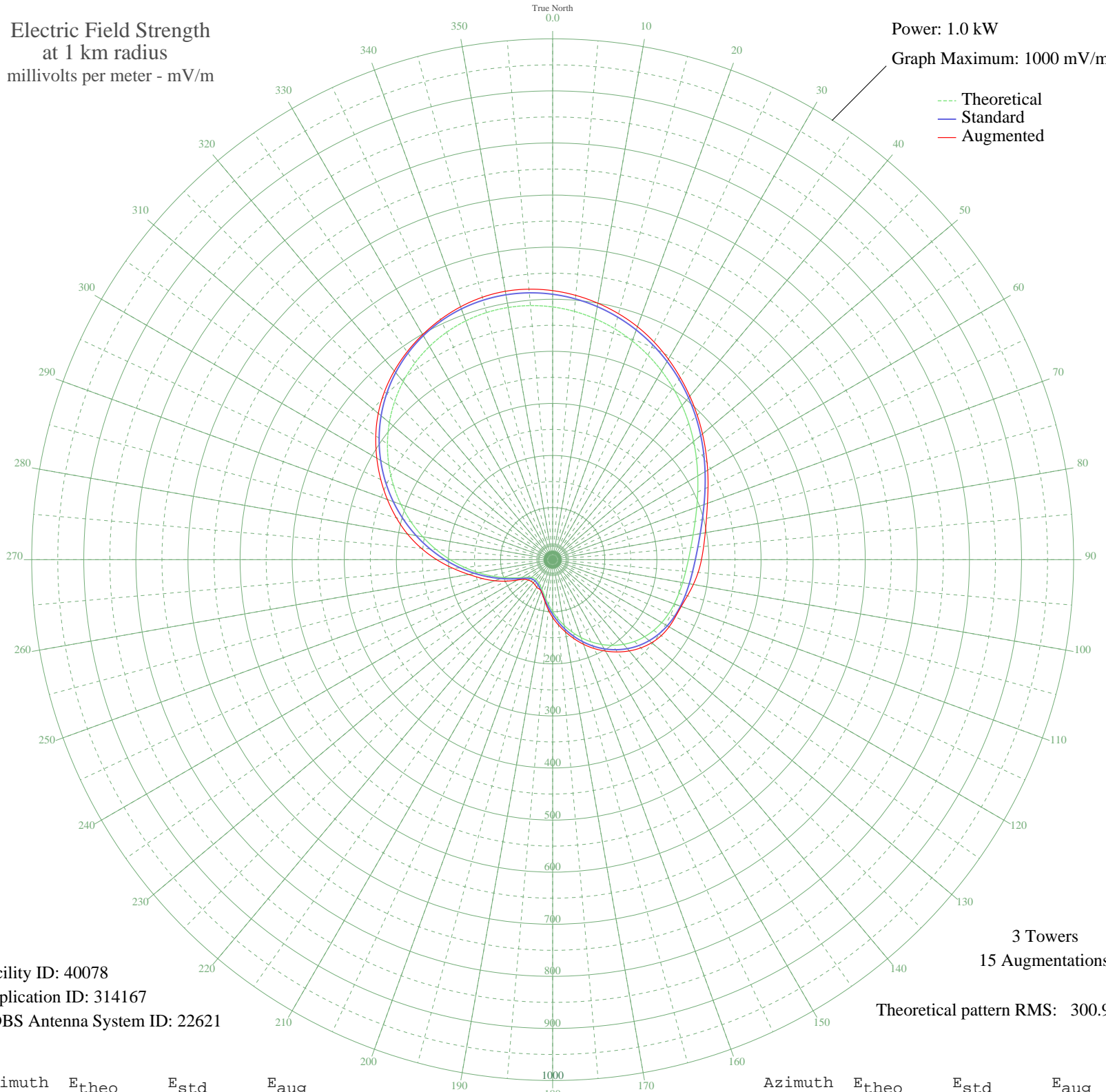


WGHT POMPTON LAKES, NJ BL-- 1500 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 40078
Application ID: 314167
CDBS Antenna System ID: 22621

3 Towers
15 Augmentations

Theoretical pattern RMS: 300.95

Azimuth	Etheo	Estd	Eaug
0	485.21	509.58	516.54
5	478.50	502.53	509.34
10	469.72	493.31	500.00
15	459.08	482.15	488.85
20	446.81	469.27	475.96
25	433.15	454.93	460.96
30	418.34	439.39	444.38
35	402.65	422.92	427.00
40	386.36	405.82	409.63
45	369.78	388.41	392.46
50	353.22	371.03	375.50
55	337.04	354.05	359.08
60	321.59	337.84	343.54
65	307.25	322.78	329.09
70	294.33	309.22	316.18
75	283.10	297.45	305.68
80	273.75	287.63	297.43
85	266.30	279.81	290.95
90	260.63	273.86	285.64
95	256.45	269.48	280.32
100	253.36	266.23	274.21
105	250.85	263.60	267.89
110	248.41	261.04	262.67
115	245.52	258.01	259.97
120	241.74	254.04	258.02
125	236.71	248.76	254.39
130	230.18	241.92	248.13
135	222.02	233.36	239.45
140	212.20	223.06	228.71
145	200.79	211.09	216.26
150	187.96	197.63	202.65
155	173.96	182.96	188.25
160	159.11	167.40	172.80
165	143.81	151.36	156.73
170	128.46	135.29	140.72
175	113.54	119.67	125.53

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

Azimuth	Etheo	Estd	Eaug
180	99.51	105.01	110.91
185	86.83	91.78	96.37
190	75.93	80.42	82.79
195	67.08	71.22	71.63
200	60.35	64.24	64.24
205	55.56	59.28	61.80
210	52.32	55.93	61.16
215	50.28	53.83	59.03
220	49.34	52.86	57.94
225	49.87	53.41	58.46
230	52.70	56.33	61.16
235	58.80	62.62	65.79
240	68.77	72.97	78.30
245	82.70	87.47	97.40
250	100.27	105.80	118.31
255	120.98	127.46	139.88
260	144.31	151.89	163.44
265	169.72	178.51	191.84
270	196.69	206.79	222.55
275	224.69	236.16	253.35
280	253.23	266.10	282.89
285	281.79	296.06	310.61
290	309.89	325.56	337.59
295	337.09	354.10	364.04
300	362.96	381.25	389.77
305	387.13	406.62	414.44
310	409.26	429.85	436.96
315	429.08	450.65	456.36
320	446.37	468.80	472.91
325	460.96	484.12	487.04
330	472.76	496.51	499.00
335	481.71	505.90	508.96
340	487.80	512.30	516.67
345	491.10	515.76	521.60
350	491.68	516.37	523.22
355	489.66	514.25	521.30