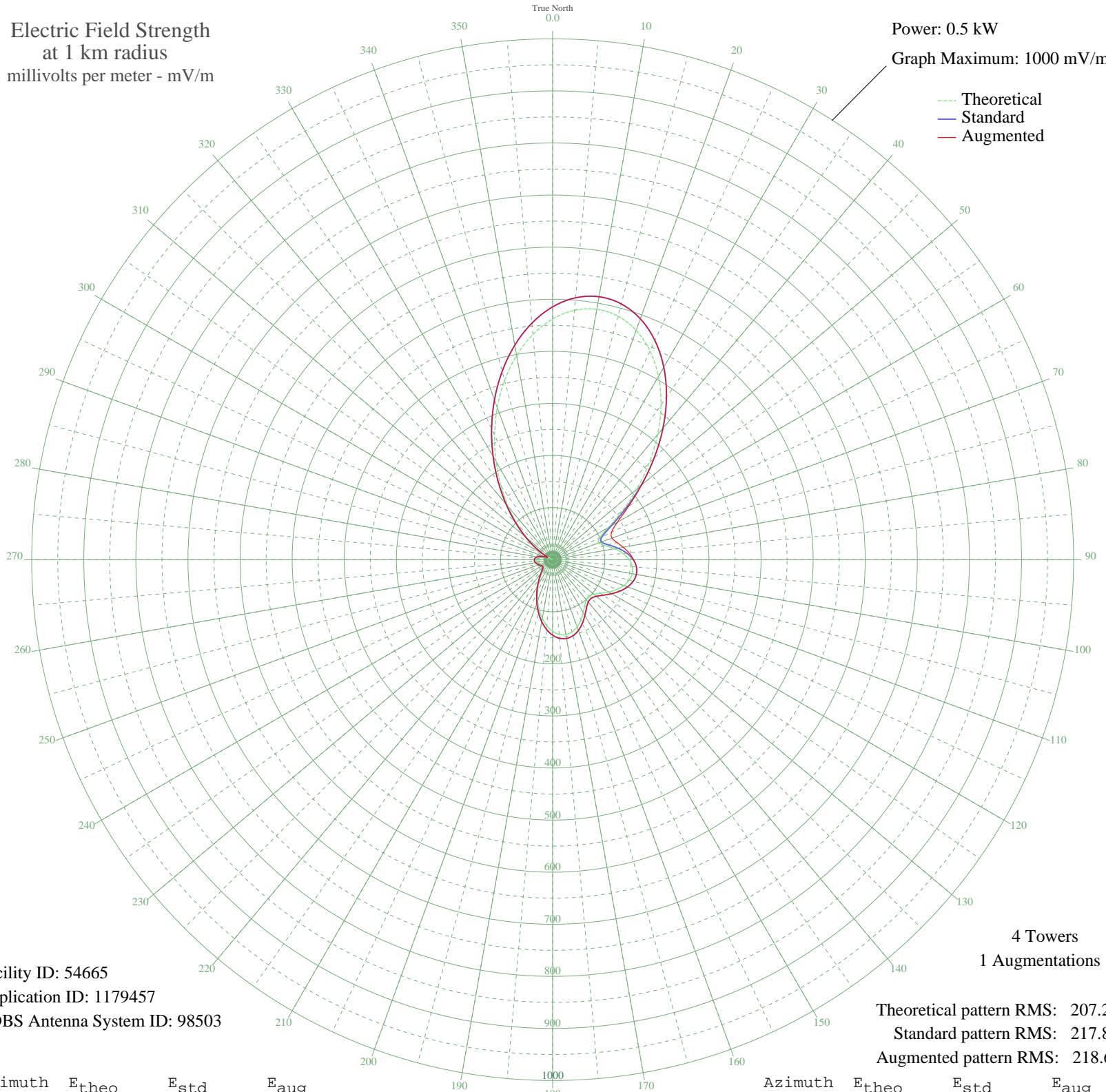


# WYSL AVON, NY BL-20070323AOP 1040 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 1000 mV/m



Facility ID: 54665  
Application ID: 1179457  
CDBS Antenna System ID: 98503

4 Towers  
1 Augmentations

Theoretical pattern RMS: 207.25  
Standard pattern RMS: 217.87  
Augmented pattern RMS: 218.60

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	462.16	485.39	485.39
5	480.59	504.73	504.73
10	488.14	512.65	512.65
15	484.13	508.45	508.45
20	468.58	492.12	492.12
25	442.17	464.39	464.39
30	406.21	426.65	426.65
35	362.57	380.84	380.84
40	313.56	329.40	329.40
45	261.83	275.12	275.20
50	210.38	221.15	222.87
55	162.72	171.18	177.25
60	123.52	130.12	143.23
65	99.13	104.62	124.70
70	94.34	99.61	121.31
75	104.71	110.45	127.56
80	120.60	127.07	137.36
85	135.62	142.79	147.11
90	146.91	154.61	155.35
95	153.44	161.45	161.45
100	155.07	163.16	163.16
105	152.14	160.09	160.09
110	145.30	152.93	152.93
115	135.51	142.68	142.68
120	124.08	130.71	130.71
125	112.76	118.87	118.87
130	103.74	109.44	109.44
135	99.29	104.78	104.78
140	100.71	106.27	106.27
145	107.45	113.31	113.31
150	117.40	123.72	123.72
155	128.07	134.88	134.88
160	137.33	144.58	144.58
165	143.62	151.17	151.17
170	146.00	153.66	153.66
175	144.02	151.58	151.58

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	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	137.74	145.01	145.01
185	127.67	134.46	134.46
190	114.60	120.79	120.79
195	99.61	105.11	105.11
200	83.81	88.63	88.63
205	68.33	72.51	72.51
210	54.12	57.78	57.78
215	41.88	45.21	45.21
220	32.10	35.30	35.30
225	25.04	28.32	28.32
230	20.85	24.28	24.28
235	19.43	22.94	22.94
240	20.25	23.71	23.71
245	22.44	25.80	25.80
250	25.23	28.50	28.50
255	28.00	31.22	31.22
260	30.30	33.50	33.50
265	31.75	34.95	34.95
270	32.01	35.22	35.22
275	30.71	33.91	33.91
280	27.42	30.64	30.64
285	21.64	25.03	25.03
290	12.82	17.07	17.07
295	0.38	10.51	10.51
300	16.28	20.06	20.06
305	37.62	40.88	40.88
310	64.00	68.02	68.02
315	95.52	100.85	100.85
320	132.00	139.00	139.00
325	172.90	181.85	181.85
330	217.28	228.39	228.39
335	263.82	277.21	277.21
340	310.83	326.54	326.54
345	356.33	374.29	374.29
350	398.15	418.18	418.18
355	434.11	455.93	455.93