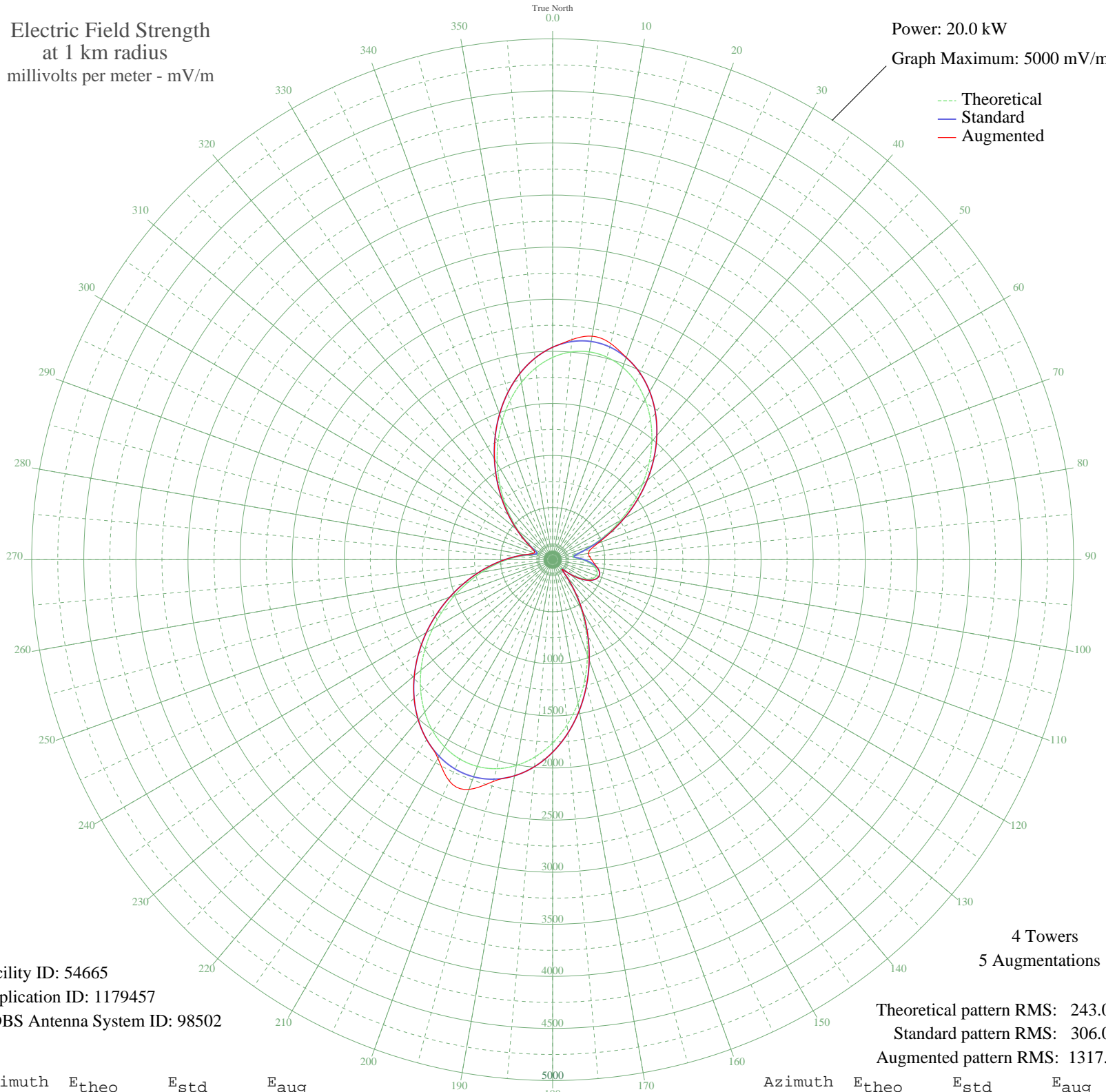


# WYSL AVON, NY BL-20070323AOP 1040 kHz

Daytime

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

Power: 20.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 54665  
Application ID: 1179457  
CDBS Antenna System ID: 98502

4 Towers  
5 Augmentations

Theoretical pattern RMS: 243.04  
Standard pattern RMS: 306.04  
Augmented pattern RMS: 1317.64

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1941.59	2039.21	2039.21
5	2001.18	2101.76	2120.27
10	2025.24	2127.02	2178.27
15	2013.02	2114.19	2148.91
20	1965.34	2064.14	2065.48
25	1884.44	1979.22	1979.22
30	1773.72	1862.99	1862.99
35	1637.44	1719.95	1719.95
40	1480.46	1555.19	1555.19
45	1307.97	1374.17	1374.17
50	1125.32	1182.52	1182.52
55	937.93	985.95	985.95
60	751.35	790.31	790.31
65	571.57	601.98	606.78
70	406.35	429.24	463.08
75	269.65	287.00	377.27
80	194.43	209.48	348.66
85	213.78	229.33	354.35
90	283.43	301.28	373.30
95	354.63	375.31	399.58
100	409.51	432.54	433.80
105	441.34	465.78	465.78
110	446.89	471.58	471.58
115	424.50	448.19	448.19
120	373.66	395.14	395.34
125	295.49	313.80	314.75
130	195.82	210.91	213.44
135	111.81	126.45	131.50
140	180.12	194.86	197.79
145	347.75	368.14	369.10
150	545.32	574.51	574.71
155	757.68	796.95	796.95
160	976.20	1026.08	1026.08
165	1193.04	1253.57	1253.57
170	1400.58	1471.36	1471.36
175	1591.60	1671.84	1671.84

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1759.56	1848.14	1848.14
185	1899.01	1994.52	1994.52
190	2005.81	2106.62	2106.62
195	2077.28	2181.65	2204.59
200	2112.26	2218.36	2346.88
205	2111.01	2217.06	2345.65
210	2075.11	2179.37	2202.34
215	2007.18	2108.06	2108.06
220	1910.77	2006.86	2006.86
225	1790.14	1880.23	1880.23
230	1650.05	1733.18	1733.18
235	1495.62	1571.11	1571.11
240	1332.19	1399.59	1399.59
245	1165.06	1224.21	1224.21
250	999.36	1050.38	1050.38
255	839.83	883.07	883.07
260	690.61	726.66	726.66
265	555.01	584.65	584.65
270	435.37	459.54	459.54
275	332.93	352.71	353.66
280	248.26	264.87	271.36
285	183.39	198.20	214.94
290	147.63	161.97	187.60
295	158.66	173.09	195.90
300	217.39	233.04	244.77
305	309.42	328.26	331.55
310	426.18	449.95	450.09
315	563.66	593.70	593.70
320	718.50	755.89	755.89
325	886.69	932.21	932.21
330	1063.24	1117.38	1117.38
335	1242.21	1305.17	1305.17
340	1417.05	1488.64	1488.64
345	1580.85	1660.56	1660.56
350	1726.85	1813.80	1813.80
355	1848.84	1941.85	1941.85

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.

31 May 2017

Prepared by Audio Division, Media Bureau  
Federal Communications Commission