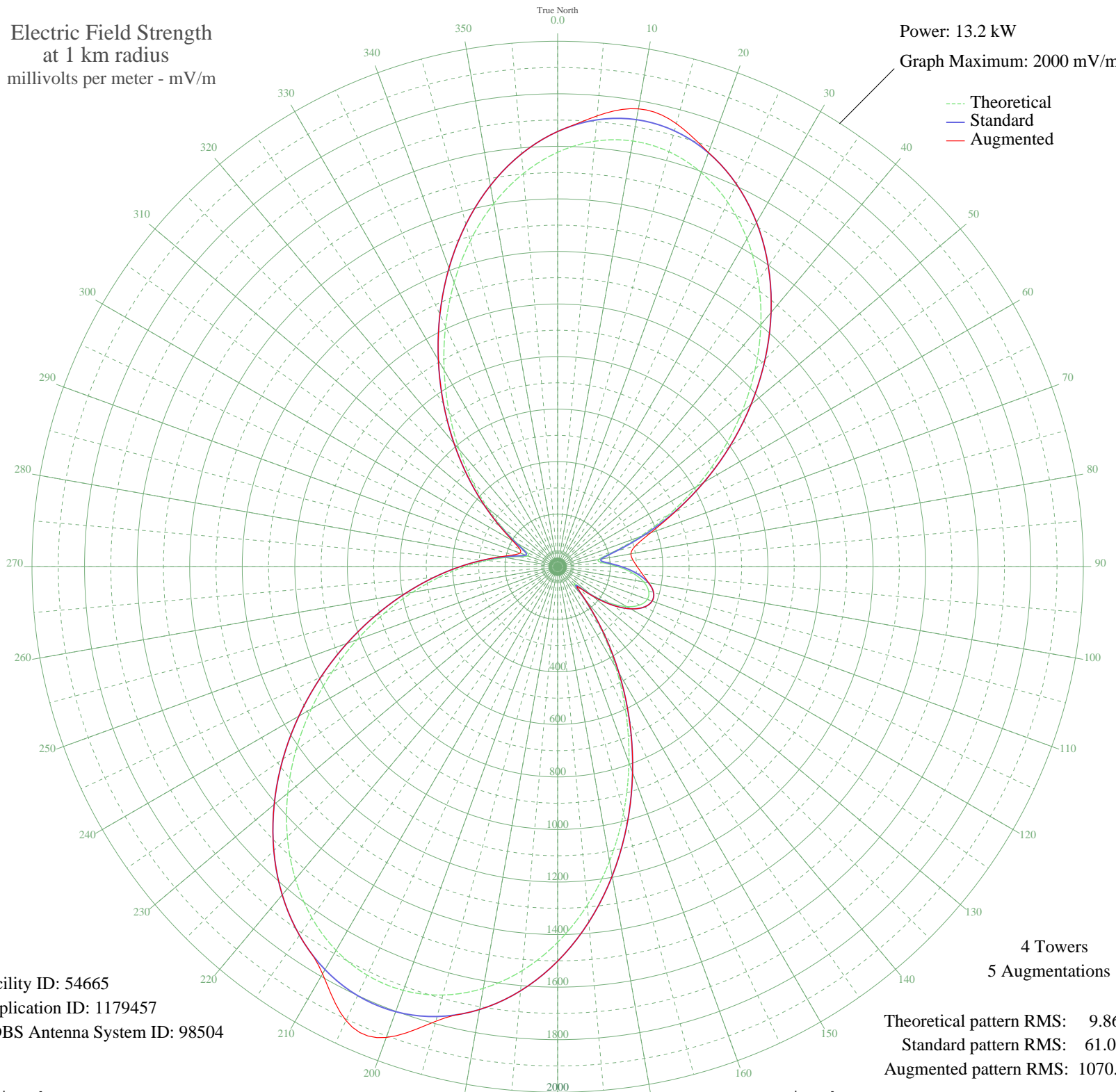


# WYSL AVON, NY BL-20070323AOP 1040 kHz

## Critical Hours

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

Power: 13.2 kW  
Graph Maximum: 2000 mV/m



Facility ID: 54665  
Application ID: 1179457  
CDBS Antenna System ID: 98504

Theoretical pattern RMS: 9.86  
Standard pattern RMS: 61.04  
Augmented pattern RMS: 1070.46

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1577.37	1656.49	1656.49
5	1625.78	1707.32	1722.40
10	1645.33	1727.84	1769.59
15	1635.40	1717.41	1745.70
20	1596.66	1676.75	1677.84
25	1530.94	1607.75	1607.75
30	1440.99	1513.32	1513.32
35	1330.27	1397.09	1397.09
40	1202.74	1263.21	1263.21
45	1062.61	1116.12	1116.12
50	914.22	960.38	960.38
55	761.99	800.62	800.62
60	610.40	641.59	641.59
65	464.35	488.44	492.39
70	330.12	347.85	375.71
75	219.07	231.86	306.25
80	157.95	168.40	283.22
85	173.68	184.68	287.78
90	230.26	243.52	302.88
95	288.10	303.91	323.91
100	332.69	350.54	351.58
105	358.55	377.61	377.61
110	363.06	382.33	382.33
115	344.87	363.28	363.28
120	303.56	320.07	320.35
125	240.06	253.74	255.07
130	159.09	169.57	173.10
135	90.84	99.74	106.84
140	146.33	156.39	160.47
145	282.52	298.07	299.40
150	443.02	466.09	466.36
155	615.55	646.99	646.99
160	793.07	833.24	833.24
165	969.24	1018.12	1018.12
170	1137.85	1195.10	1195.10
175	1293.03	1358.00	1358.00

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.

27 Aug 2020

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1429.49	1501.25	1501.25
185	1542.78	1620.18	1620.18
190	1629.54	1711.27	1711.27
195	1687.60	1772.22	1790.89
200	1716.02	1802.06	1906.57
205	1715.01	1801.00	1905.57
210	1685.84	1770.37	1789.06
215	1630.66	1712.44	1712.44
220	1552.34	1630.21	1630.21
225	1454.33	1527.32	1527.32
230	1340.52	1407.84	1407.84
235	1215.06	1276.15	1276.15
240	1082.29	1136.77	1136.77
245	946.51	994.26	994.26
250	811.89	852.99	852.99
255	682.29	717.00	717.00
260	561.06	589.83	589.83
265	450.90	474.34	474.34
270	353.70	372.53	372.53
275	270.47	285.49	286.34
280	201.69	213.77	219.61
285	148.99	159.13	174.20
290	119.93	129.26	152.37
295	128.90	138.45	159.00
300	176.61	187.72	198.27
305	251.37	265.55	268.50
310	346.24	364.72	364.84
315	457.92	481.70	481.70
320	583.72	613.60	613.60
325	720.36	756.94	756.94
330	863.78	907.44	907.44
335	1009.19	1060.05	1060.05
340	1151.23	1209.14	1209.14
345	1284.30	1348.83	1348.83
350	1402.91	1473.35	1473.35
355	1502.02	1577.39	1577.39