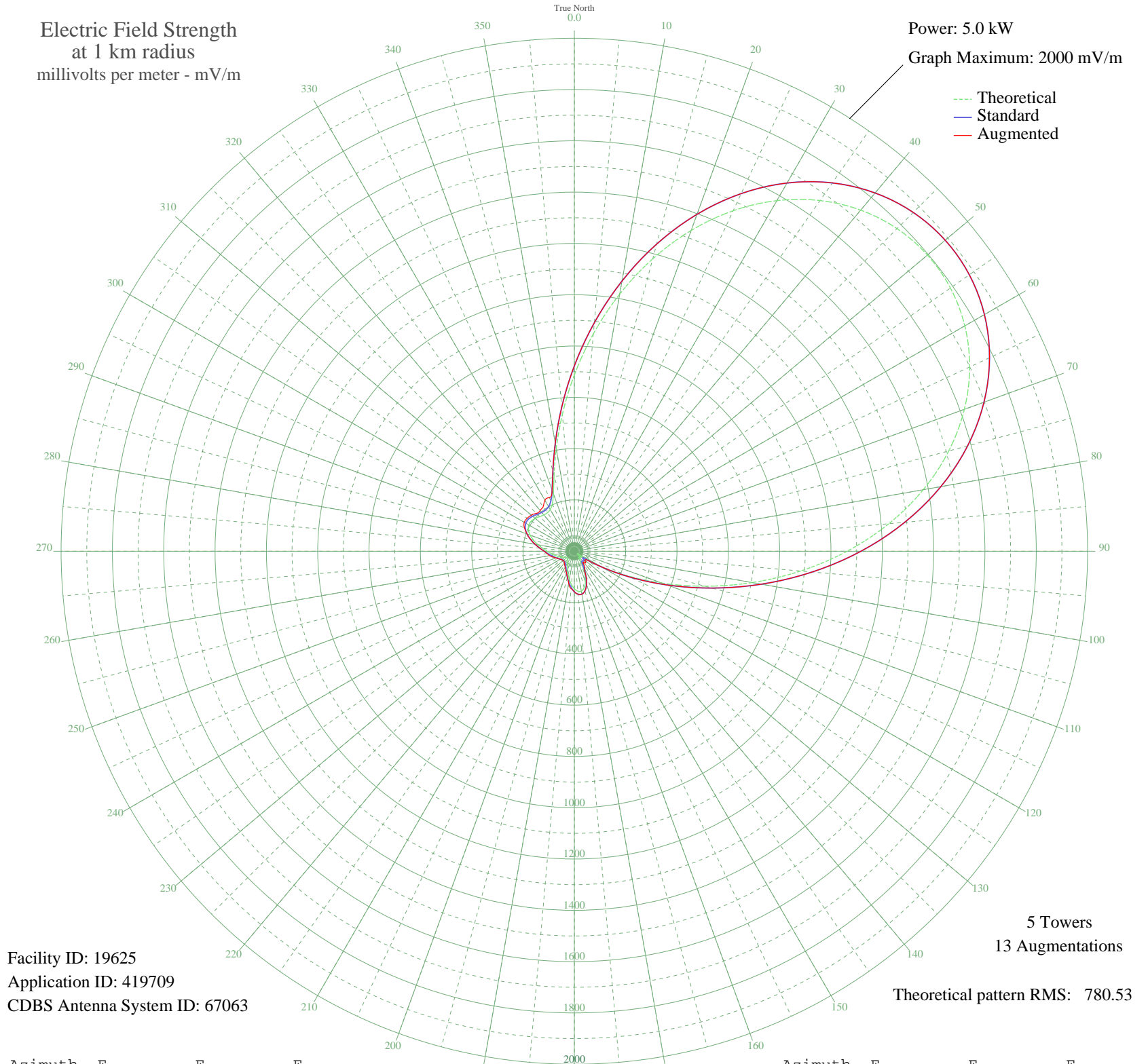


WENE ENDICOTT, NY BL-14216 1430 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 19625
Application ID: 419709
CDBS Antenna System ID: 67063

5 Towers
13 Augmentations

Theoretical pattern RMS: 780.53

Azimuth	E _{theo}	E _{std}	E _{aug}
0	687.07	722.43	722.43
5	850.82	894.17	894.17
10	1017.88	1069.45	1069.45
15	1180.12	1239.70	1239.70
20	1330.77	1397.83	1397.83
25	1464.67	1538.37	1538.37
30	1578.19	1657.53	1657.53
35	1669.06	1752.93	1752.93
40	1736.05	1823.24	1823.24
45	1778.54	1867.85	1867.85
50	1796.29	1886.49	1886.49
55	1789.16	1879.01	1879.01
60	1757.01	1845.25	1845.25
65	1699.73	1785.12	1785.12
70	1617.40	1698.70	1698.70
75	1510.58	1586.57	1586.57
80	1380.64	1450.18	1450.18
85	1230.15	1292.21	1292.21
90	1063.13	1116.93	1116.93
95	885.29	930.33	930.33
100	703.87	740.05	740.05
105	527.28	554.94	554.94
110	364.36	384.46	384.46
115	223.47	237.71	237.71
120	111.51	123.10	123.10
125	33.92	52.09	57.73
130	20.75	43.81	53.96
135	34.51	52.51	63.64
140	29.96	49.34	56.99
145	31.43	50.34	66.32
150	59.53	73.15	78.77
155	95.05	106.79	106.79
160	126.26	137.92	137.92
165	147.82	159.80	159.80
170	157.72	169.91	169.91
175	156.45	168.61	168.61

Azimuth	E _{theo}	E _{std}	E _{aug}
180	146.25	158.20	158.20
185	130.25	141.94	146.36
190	111.65	123.24	125.94
195	93.17	104.95	104.95
200	76.64	89.00	89.72
205	63.05	76.34	79.00
210	52.69	67.13	71.65
215	45.44	61.00	65.74
220	40.99	57.42	60.43
225	39.05	55.91	56.66
230	39.42	56.20	56.20
235	42.10	58.30	58.61
240	47.02	62.31	63.18
245	53.86	68.14	69.20
250	62.05	75.43	76.15
255	71.11	83.78	86.82
260	80.97	93.13	98.17
265	92.24	104.04	106.34
270	105.99	117.61	117.61
275	123.02	134.65	134.65
280	142.96	154.84	154.84
285	163.98	176.32	176.32
290	183.20	196.08	196.08
295	197.60	210.93	214.46
300	204.96	218.53	225.31
305	204.80	218.38	224.52
310	198.89	212.26	218.71
315	190.83	203.95	208.81
320	184.69	197.62	207.32
325	183.12	196.00	211.74
330	187.75	200.77	229.39
335	202.97	216.48	230.56
340	238.67	253.47	253.47
345	305.22	322.72	322.72
350	405.69	427.66	427.66
355	535.65	563.72	563.72

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