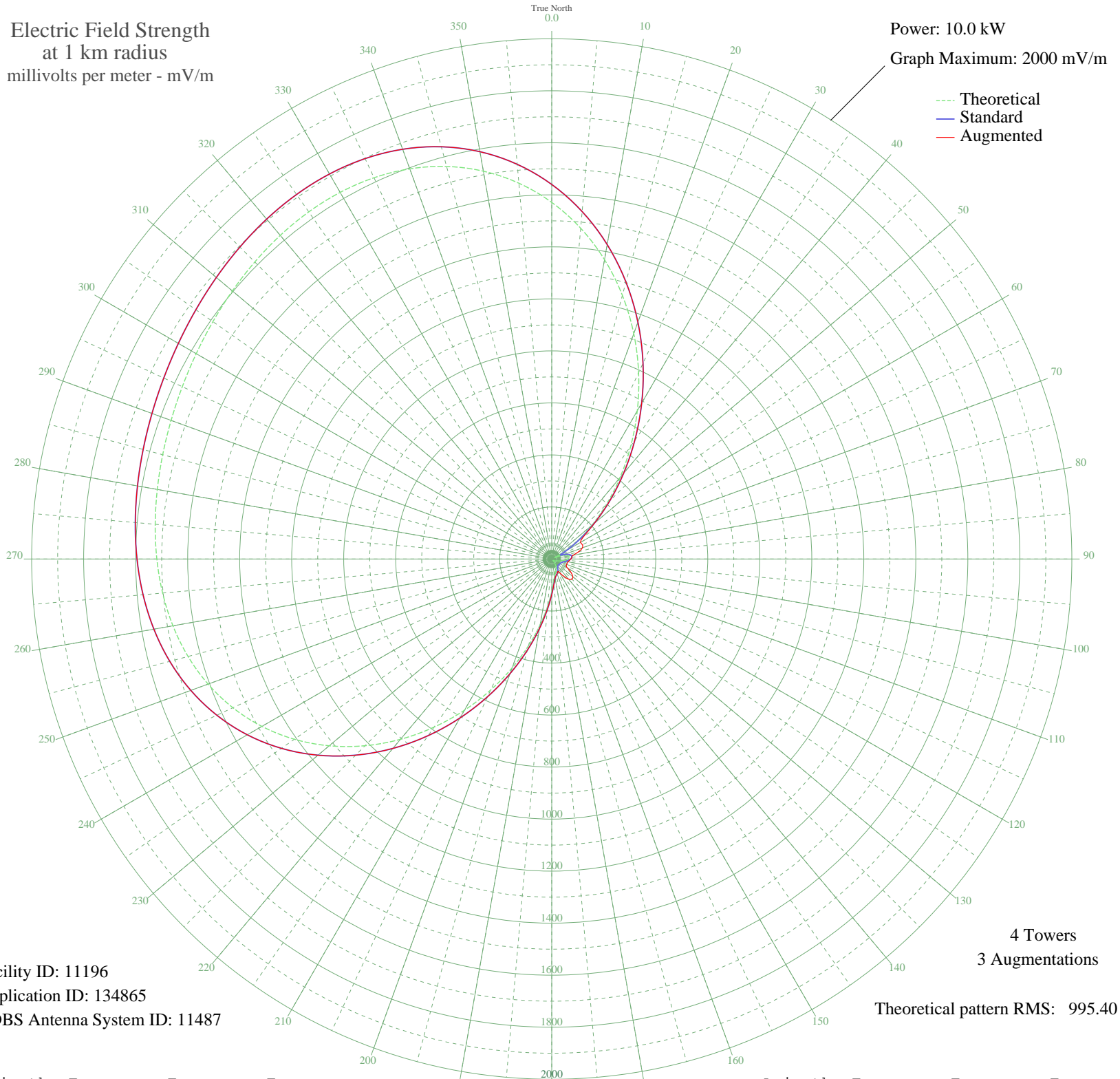


WRTO CHICAGO, IL BL-19891027AC 1200 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 11196
Application ID: 134865
CDBS Antenna System ID: 11487

4 Towers
3 Augmentations
Theoretical pattern RMS: 995.40

Azimuth	Etheo	Estd	Eaug
0	1370.96	1439.90	1439.90
5	1276.60	1340.84	1340.84
10	1168.65	1227.53	1227.53
15	1049.45	1102.42	1102.42
20	922.09	968.77	968.77
25	790.27	830.45	830.45
30	658.00	691.69	691.69
35	529.34	556.80	556.80
40	408.15	429.84	429.84
45	297.75	314.39	314.39
50	200.78	213.41	214.58
55	119.06	129.34	148.76
60	53.80	65.52	128.12
65	12.38	35.66	129.88
70	35.09	49.60	125.20
75	55.94	67.47	106.39
80	65.95	76.80	83.69
85	66.99	77.78	77.78
90	61.42	72.54	73.59
95	51.68	63.62	68.00
100	40.16	53.67	63.52
105	29.17	45.17	61.41
110	20.92	39.81	61.14
115	16.79	37.59	61.00
120	15.35	36.91	70.88
125	13.57	36.13	90.47
130	9.96	34.81	105.62
135	6.71	33.94	109.66
140	11.63	35.38	100.97
145	21.41	40.10	82.20
150	31.73	47.04	61.00
155	40.76	54.17	54.17
160	47.71	60.10	60.10
165	53.86	65.58	65.58
170	64.24	75.18	75.18
175	86.55	96.76	96.76

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	125.83	136.23	136.23
185	182.80	194.80	194.80
190	256.39	271.25	271.25
195	344.77	363.53	363.53
200	445.50	468.95	468.95
205	555.53	584.25	584.25
210	671.31	705.66	705.66
215	789.03	829.15	829.15
220	904.85	950.67	950.67
225	1015.21	1066.49	1066.49
230	1117.09	1173.41	1173.41
235	1208.18	1269.02	1269.02
240	1287.00	1351.76	1351.76
245	1352.96	1420.99	1420.99
250	1406.26	1476.95	1476.95
255	1447.84	1520.60	1520.60
260	1479.16	1553.48	1553.48
265	1502.06	1577.52	1577.52
270	1518.56	1594.83	1594.83
275	1530.66	1607.53	1607.53
280	1540.22	1617.57	1617.57
285	1548.82	1626.60	1626.60
290	1557.66	1635.88	1635.88
295	1567.49	1646.20	1646.20
300	1578.60	1657.86	1657.86
305	1590.74	1670.61	1670.61
310	1603.22	1683.71	1683.71
315	1614.85	1695.92	1695.92
320	1624.08	1705.61	1705.61
325	1628.99	1710.76	1710.76
330	1627.45	1709.14	1709.14
335	1617.23	1698.41	1698.41
340	1596.14	1676.28	1676.28
345	1562.24	1640.69	1640.69
350	1513.94	1589.99	1589.99
355	1450.27	1523.15	1523.15