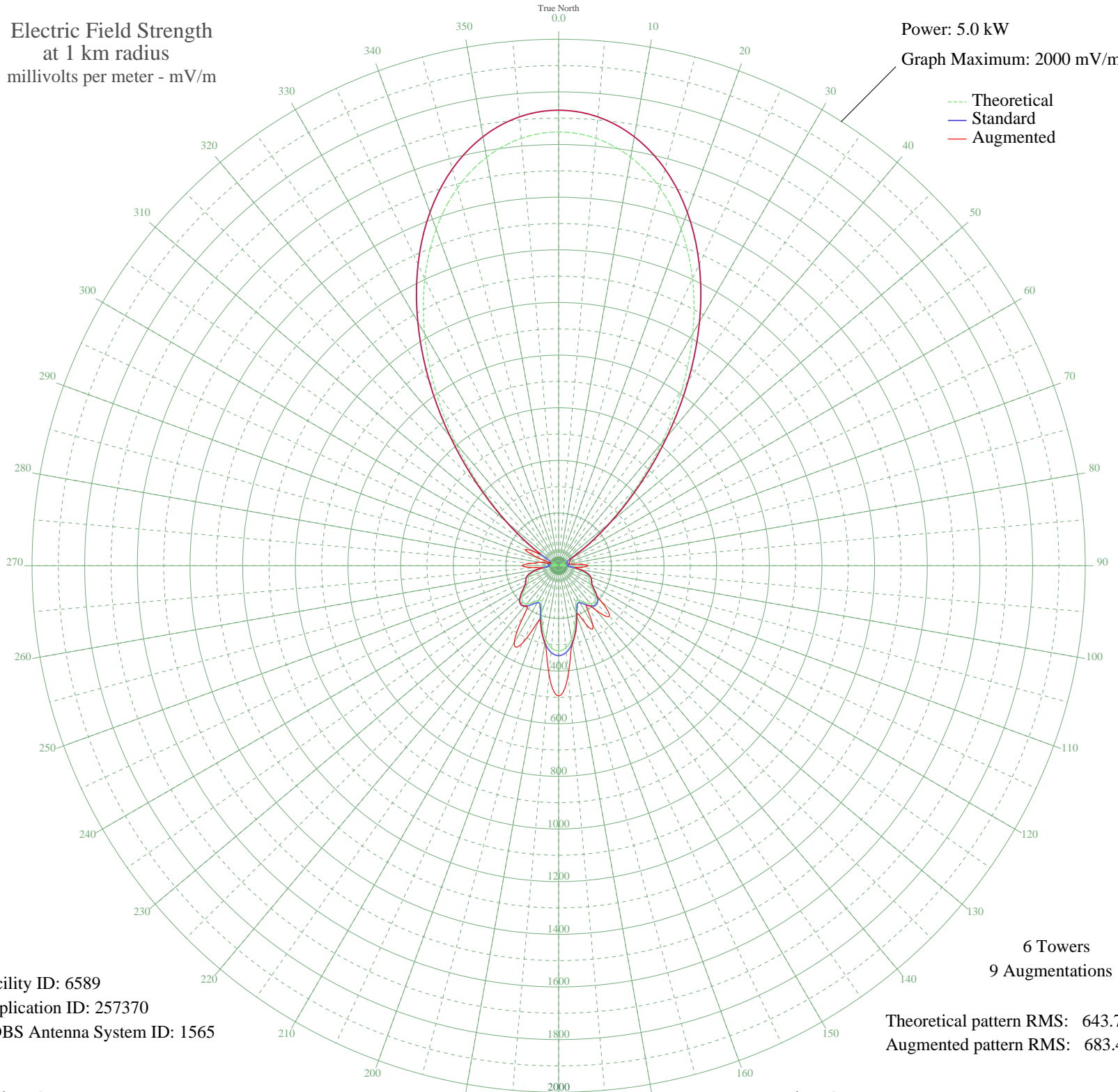


WNTD CHICAGO, IL BL-19971124KA 950 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 6589
Application ID: 257370
CDBS Antenna System ID: 1565

6 Towers
9 Augmentations

Theoretical pattern RMS: 643.74
Augmented pattern RMS: 683.40

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1647.75	1730.43	1730.43
5	1629.73	1711.52	1711.52
10	1575.65	1654.74	1654.74
15	1485.58	1560.18	1560.18
20	1360.42	1428.80	1428.80
25	1202.88	1263.42	1263.42
30	1018.49	1069.89	1069.89
35	816.44	857.85	857.85
40	609.64	640.92	640.92
45	413.73	435.58	435.58
50	244.74	258.96	259.27
55	115.93	125.85	128.03
60	34.45	48.25	57.23
65	6.60	32.68	46.67
70	7.00	32.77	44.96
75	9.78	33.55	40.99
80	23.54	40.38	42.35
85	23.06	40.08	66.52
90	4.80	32.33	111.00
95	33.03	47.15	71.01
100	72.19	82.25	82.25
105	103.45	113.22	113.22
110	120.45	130.44	130.44
115	127.38	137.51	137.51
120	137.13	147.48	147.48
125	157.37	168.30	168.30
130	180.39	192.09	211.78
135	193.20	205.36	272.00
140	188.67	200.66	219.59
145	169.54	180.86	182.34
150	150.52	161.24	259.05
155	154.80	165.64	244.29
160	189.57	201.60	201.60
165	238.02	251.96	251.96
170	282.70	298.54	298.54
175	313.08	330.28	416.30

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	323.77	341.45	495.00
185	313.08	330.28	416.30
190	282.70	298.54	298.54
195	238.02	251.96	251.96
200	189.57	201.60	223.44
205	154.80	165.64	323.46
210	150.52	161.24	337.55
215	169.54	180.86	229.67
220	188.67	200.66	200.66
225	193.20	205.36	205.36
230	180.39	192.09	192.09
235	157.37	168.30	168.30
240	137.13	147.48	147.48
245	127.38	137.50	137.50
250	120.45	130.44	130.44
255	103.45	113.22	113.22
260	72.18	82.25	82.25
265	33.03	47.15	81.99
270	4.80	32.33	138.00
275	23.06	40.08	102.21
280	23.54	40.38	77.28
285	9.78	33.55	33.55
290	7.00	32.77	53.33
295	6.60	32.68	137.13
300	34.45	48.25	103.09
305	115.93	125.85	125.85
310	244.74	258.96	258.96
315	413.73	435.59	435.59
320	609.65	640.92	640.92
325	816.44	857.86	857.86
330	1018.49	1069.89	1069.89
335	1202.88	1263.43	1263.43
340	1360.42	1428.80	1428.80
345	1485.58	1560.18	1560.18
350	1575.65	1654.74	1654.74
355	1629.73	1711.52	1711.52