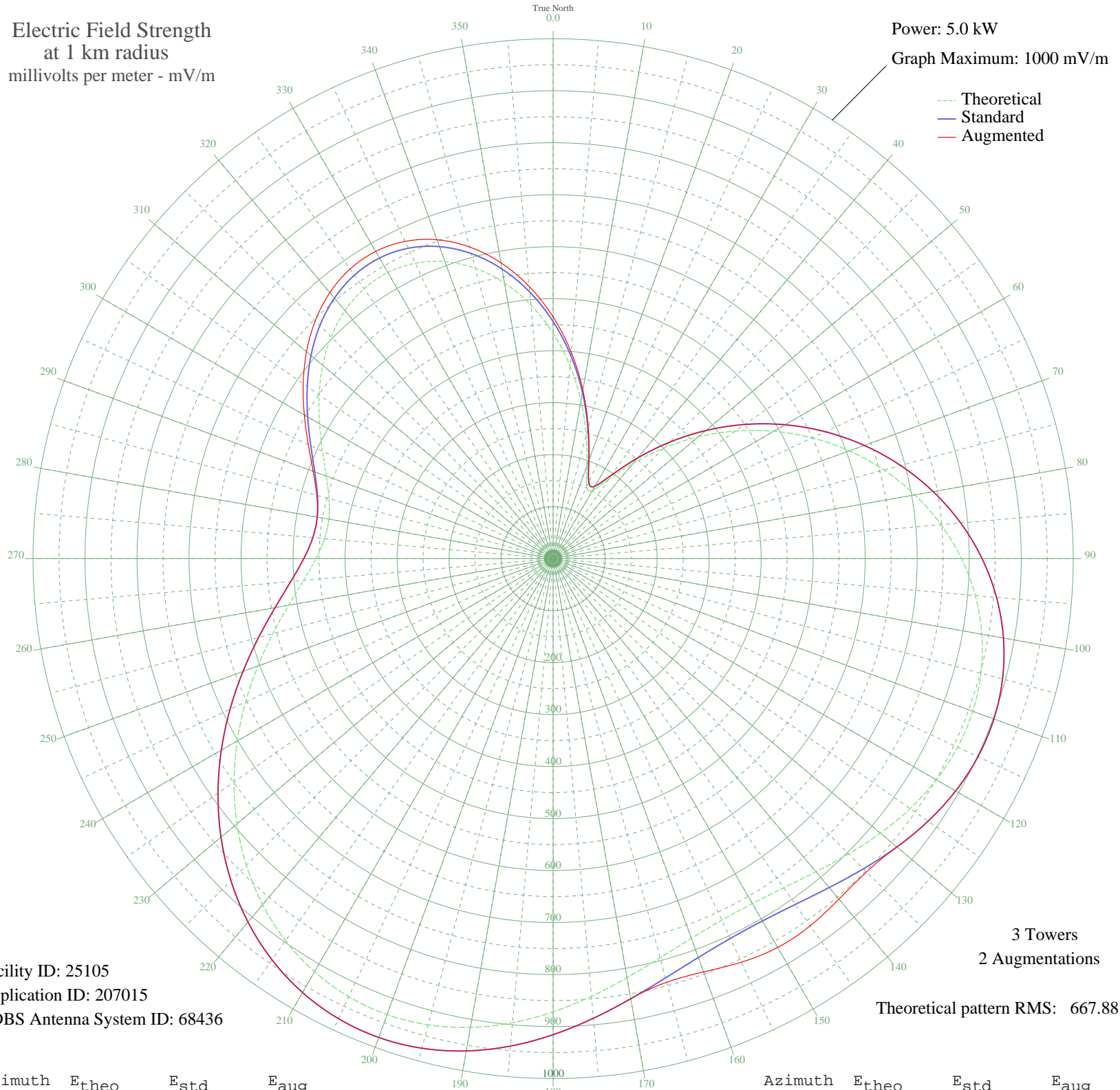


# WTEM WASHINGTON, DC BL-19950303AA 980 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 25105  
Application ID: 207015  
CDBS Antenna System ID: 68436

3 Towers  
2 Augmentations  
Theoretical pattern RMS: 667.88

Azimuth	Etheo	Estd	Eaug
0	433.76	456.05	464.94
5	372.47	391.79	398.70
10	308.41	324.68	329.44
15	245.29	258.62	261.17
20	189.39	200.24	200.90
25	152.82	162.17	162.17
30	151.61	160.92	160.92
35	185.83	196.53	196.53
40	239.44	252.51	252.51
45	300.77	316.68	316.68
50	364.44	383.38	383.38
55	427.98	449.99	449.99
60	490.01	515.05	515.05
65	549.63	577.58	577.58
70	606.05	636.79	636.79
75	658.56	691.88	691.88
80	706.41	742.10	742.10
85	748.86	786.65	786.65
90	785.20	824.80	824.80
95	814.78	855.84	855.84
100	837.06	879.23	879.23
105	851.70	894.60	894.60
110	858.64	901.87	901.87
115	858.12	901.33	901.33
120	850.86	893.71	893.71
125	838.05	880.26	880.26
130	821.42	862.82	862.82
135	803.24	843.73	852.20
140	786.15	825.80	854.99
145	772.94	811.93	861.97
150	766.10	804.75	863.57
155	767.35	806.06	856.44
160	777.21	816.41	845.92
165	794.86	834.93	843.49
170	818.33	859.57	859.57
175	844.94	887.49	887.49

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	Etheo	Estd	Eaug
180	871.76	915.65	915.65
185	896.06	941.15	941.15
190	915.48	961.54	961.54
195	928.26	974.95	974.95
200	933.19	980.13	980.13
205	929.64	976.41	976.41
210	917.49	963.65	963.65
215	897.03	942.17	942.17
220	868.90	912.65	912.65
225	834.03	876.05	876.05
230	793.56	833.57	833.57
235	748.80	786.59	786.59
240	701.19	736.62	736.62
245	652.32	685.34	685.34
250	603.95	634.58	634.58
255	557.97	586.34	586.34
260	516.51	542.84	542.84
265	481.80	506.44	506.44
270	456.07	479.45	479.45
275	441.15	463.80	463.80
280	437.94	460.44	460.73
285	446.11	469.01	470.42
290	464.02	487.78	490.96
295	489.12	514.11	519.40
300	518.48	544.91	552.37
305	549.14	577.07	586.57
310	578.32	607.69	618.97
315	603.54	634.15	646.86
320	622.61	654.16	667.91
325	633.72	665.82	680.23
330	635.49	667.68	682.36
335	627.00	658.77	673.33
340	607.83	638.65	652.73
345	578.06	607.42	620.67
350	538.33	565.73	577.83
355	489.71	514.73	525.37