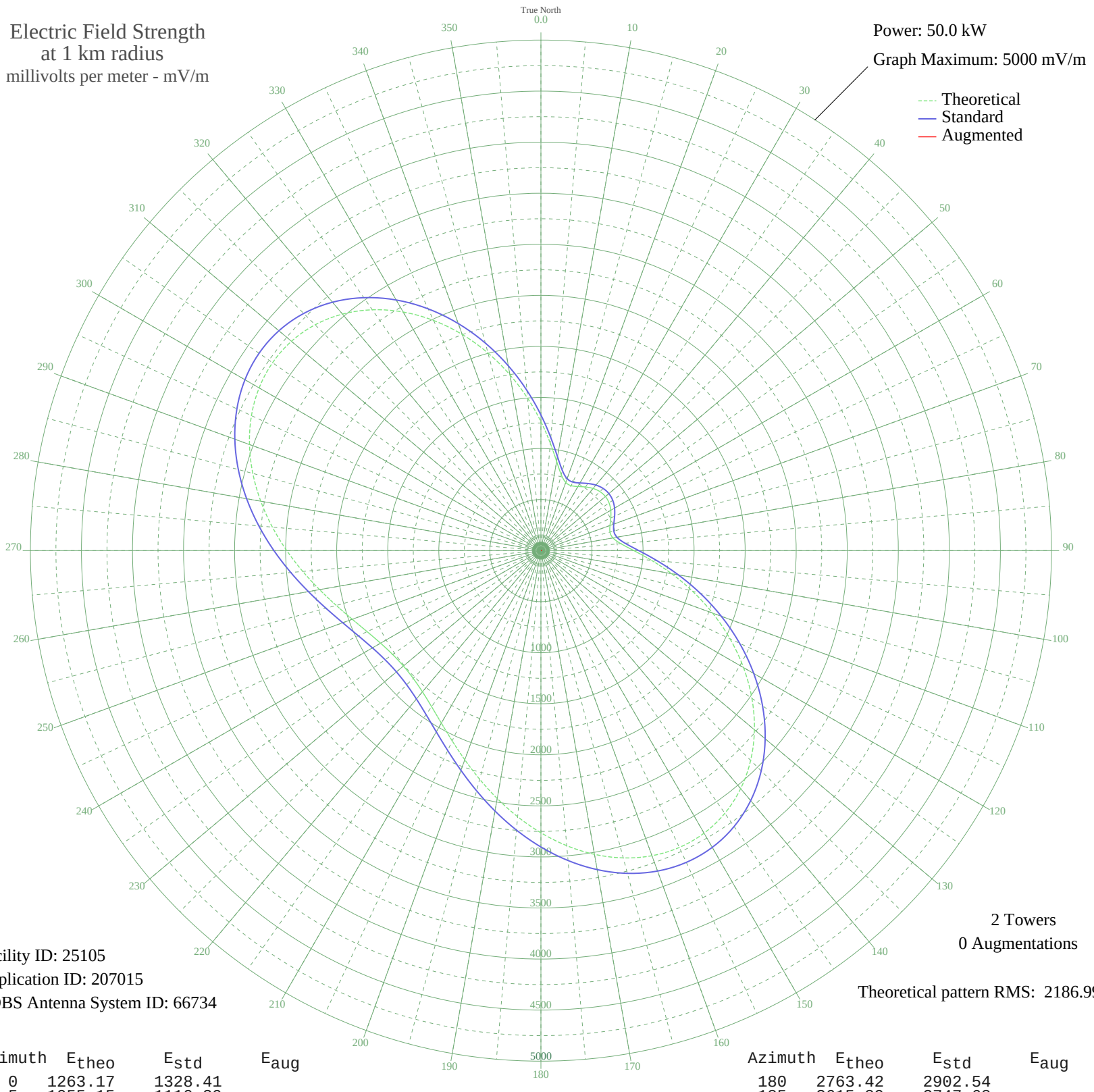
WTEM WASHINGTON, DC BL-19950303AA 980 kHz

Daytime

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 25105
Application ID: 207015
CDBS Antenna System ID: 66734

Theoretical pattern RMS: 2186.99

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1263.17	1328.41	
5	1055.15	1110.39	
10	886.78	934.07	
15	770.00	811.90	
20	710.57	749.78	
25	701.53	740.34	
30	724.85	764.70	
35	760.79	802.27	
40	794.61	837.64	
45	817.33	861.40	
50	824.43	868.83	
55	814.67	858.62	
60	789.77	832.58	
65	754.87	796.09	
70	719.80	759.43	
75	700.26	739.02	
80	716.34	755.81	
85	784.85	827.43	
90	910.52	958.93	
95	1086.11	1142.83	
100	1299.28	1366.26	
105	1537.47	1616.05	
110	1789.15	1880.07	
115	2043.70	2147.17	
120	2291.22	2406.93	
125	2522.56	2649.73	
130	2729.44	2866.88	
135	2904.81	3050.95	
140	3043.09	3196.10	
145	3140.52	3298.38	
150	3195.31	3355.90	
155	3207.67	3368.87	
160	3179.79	3339.61	
165	3115.59	3272.21	
170	3020.42	3172.31	
175	2900.68	3046.62	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	2763.42	2902.54	
185	2615.89	2747.68	
190	2465.15	2589.48	
195	2317.83	2434.85	
200	2179.78	2289.97	
205	2055.96	2160.04	
210	1950.39	2049.25	
215	1866.07	1960.78	
220	1805.12	1896.83	
225	1768.90	1858.83	
230	1758.12	1847.52	
235	1772.99	1863.12	
240	1813.24	1905.35	
245	1878.03	1973.33	
250	1965.92	2065.55	
255	2074.64	2179.64	
260	2201.03	2312.27	
265	2340.92	2459.09	
270	2489.21	2614.72	
275	2639.89	2772.88	
280	2786.27	2926.52	
285	2921.21	3068.17	
290	3037.47	3190.21	
295	3128.10	3285.34	
300	3186.82	3346.98	
305	3208.48	3369.72	
310	3189.42	3349.72	
315	3127.78	3285.00	
320	3023.63	3175.68	
325	2879.11	3023.98	
330	2698.29	2834.18	
335	2486.99	2612.39	
340	2252.48	2366.26	
345	2003.19	2104.66	
350	1748.42	1837.34	
355	1498.17	1574.83	

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