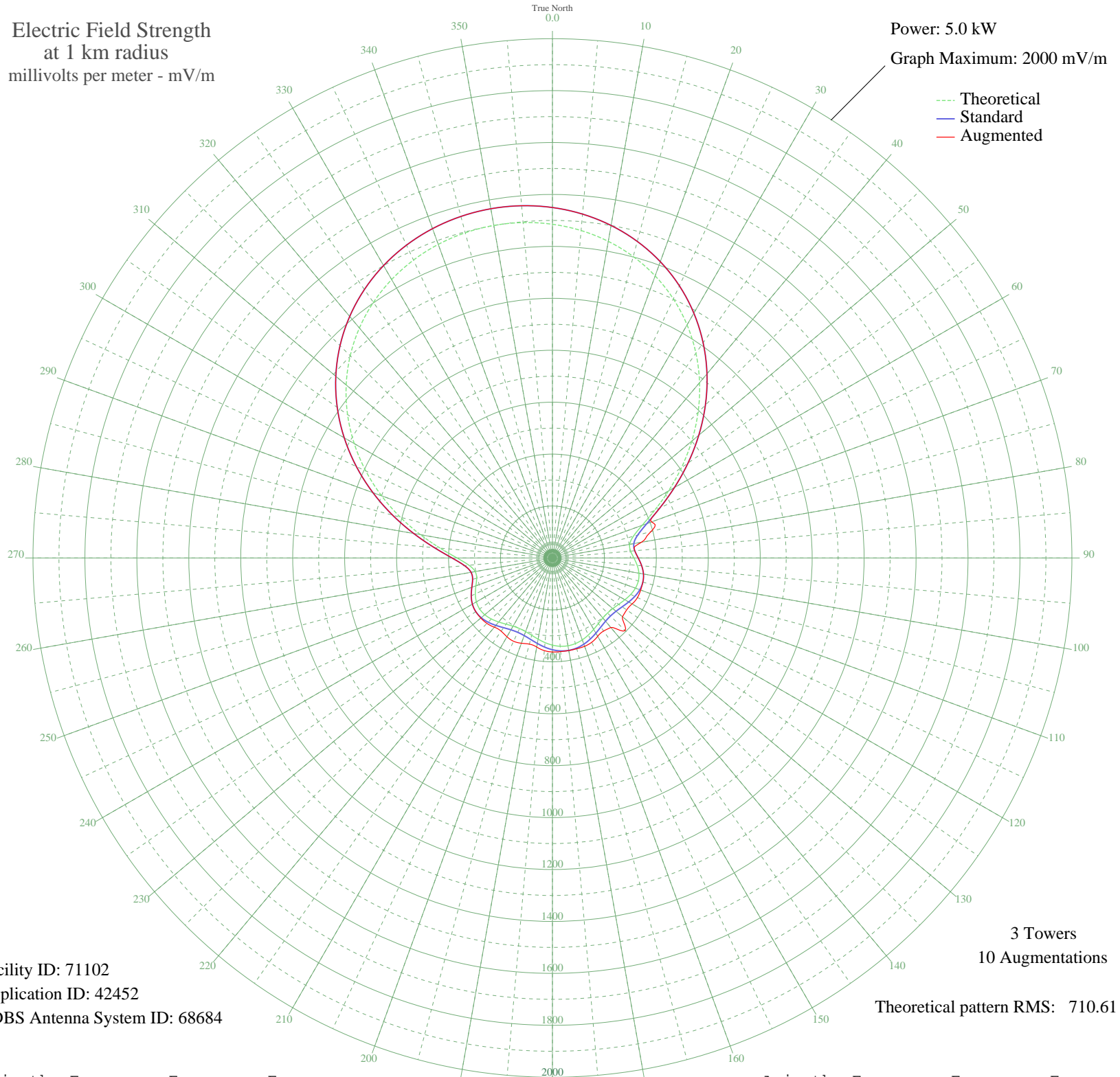


WATR WATERBURY, CT BL-19820511AM 1320 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 71102
Application ID: 42452
CDBS Antenna System ID: 68684

3 Towers
10 Augmentations
Theoretical pattern RMS: 710.61

Azimuth	Etheo	Estd	Eaug
0	1285.28	1349.79	1349.79
5	1265.93	1329.47	1329.47
10	1238.27	1300.43	1300.43
15	1201.85	1262.19	1262.19
20	1156.25	1214.33	1214.33
25	1101.20	1156.53	1156.53
30	1036.67	1088.79	1088.79
35	963.05	1011.52	1011.52
40	881.25	925.65	925.65
45	792.83	832.85	832.85
50	700.13	735.57	735.57
55	606.39	637.21	637.21
60	515.88	542.27	542.27
65	434.07	456.48	456.48
70	367.50	386.70	405.86
75	322.53	339.60	392.99
80	302.06	318.17	347.61
85	302.11	318.22	318.22
90	313.59	330.24	330.24
95	327.54	344.85	344.85
100	338.04	355.85	355.85
105	342.34	360.35	360.35
110	340.06	357.96	361.58
115	332.48	350.02	361.03
120	321.96	339.00	354.06
125	311.35	327.89	348.86
130	303.40	319.57	351.88
135	300.06	316.08	395.68
140	301.99	318.10	349.53
145	308.39	324.80	343.53
150	317.53	334.37	348.39
155	327.30	344.60	358.22
160	335.76	353.46	362.06
165	341.44	359.41	362.04
170	343.44	361.50	362.10
175	341.44	359.41	362.04

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	335.76	353.46	362.06
185	327.30	344.60	358.22
190	317.53	334.37	348.39
195	308.39	324.80	343.53
200	301.99	318.10	349.53
205	300.06	316.08	354.06
210	303.40	319.57	350.38
215	311.35	327.89	344.29
220	321.96	339.00	348.04
225	332.48	350.02	356.61
230	340.06	357.96	360.12
235	342.34	360.35	360.35
240	338.04	355.85	355.85
245	327.54	344.85	344.85
250	313.59	330.24	330.24
255	302.11	318.22	318.22
260	302.06	318.17	318.17
265	322.53	339.60	339.60
270	367.50	386.70	386.70
275	434.07	456.48	456.48
280	515.88	542.27	542.27
285	606.39	637.21	637.21
290	700.13	735.57	735.57
295	792.83	832.85	832.85
300	881.24	925.65	925.65
305	963.05	1011.52	1011.52
310	1036.67	1088.79	1088.79
315	1101.19	1156.53	1156.53
320	1156.25	1214.33	1214.33
325	1201.85	1262.19	1262.19
330	1238.27	1300.43	1300.43
335	1265.93	1329.47	1329.47
340	1285.28	1349.79	1349.79
345	1296.72	1361.79	1361.79
350	1300.51	1365.77	1365.77
355	1296.72	1361.79	1361.79