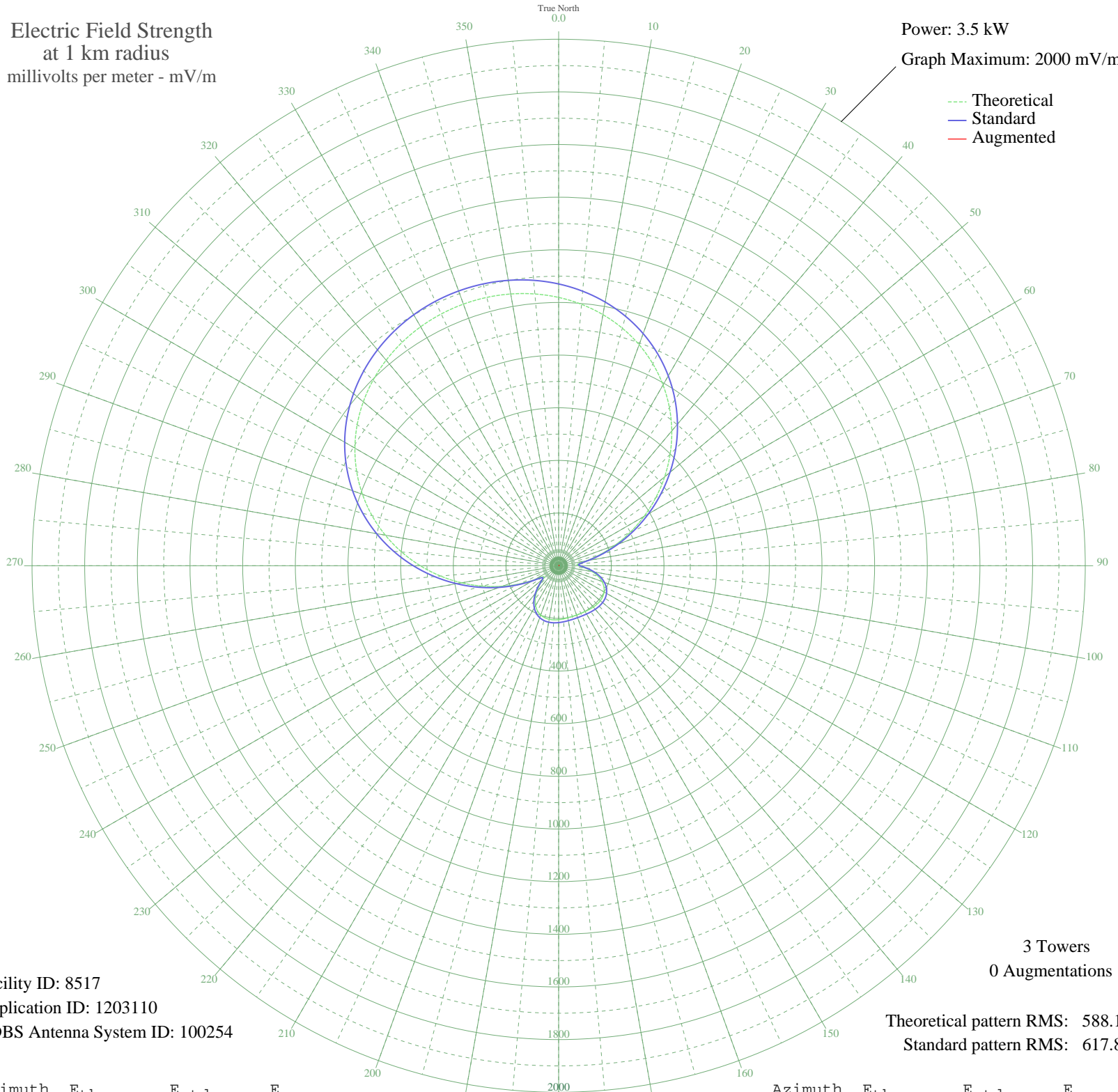


# WFNW NAUGATUCK, CT BP-20070403ABW 1380 kHz

Daytime

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

Power: 3.5 kW  
Graph Maximum: 2000 mV/m



Facility ID: 8517  
Application ID: 1203110  
CDBS Antenna System ID: 100254

3 Towers  
0 Augmentations

Theoretical pattern RMS: 588.10  
Standard pattern RMS: 617.80

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1019.25	1070.40	
5	996.78	1046.80	
10	968.53	1017.14	
15	934.17	981.08	
20	893.49	938.37	
25	846.37	888.90	
30	792.89	832.76	
35	733.35	770.27	
40	668.34	702.03	
45	598.68	628.92	
50	525.48	552.11	
55	450.12	473.04	
60	374.19	393.39	
65	299.45	315.04	
70	227.97	240.17	
75	162.31	171.55	
80	106.88	113.94	
85	72.50	78.62	
90	74.70	80.86	
95	100.61	107.45	
100	129.76	137.66	
105	155.17	164.11	
110	175.15	184.95	
115	189.61	200.06	
120	199.10	209.97	
125	204.42	215.54	
130	206.53	217.74	
135	206.38	217.58	
140	204.87	216.01	
145	202.81	213.85	
150	200.85	211.80	
155	199.47	210.37	
160	198.98	209.85	
165	199.47	210.37	
170	200.85	211.80	
175	202.81	213.85	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	204.87	216.01	
185	206.38	217.58	
190	206.53	217.74	
195	204.42	215.54	
200	199.10	209.97	
205	189.61	200.06	
210	175.15	184.95	
215	155.17	164.11	
220	129.76	137.66	
225	100.61	107.45	
230	74.70	80.86	
235	72.50	78.62	
240	106.88	113.94	
245	162.31	171.55	
250	227.97	240.17	
255	299.45	315.04	
260	374.18	393.38	
265	450.12	473.04	
270	525.48	552.11	
275	598.68	628.92	
280	668.34	702.03	
285	733.35	770.27	
290	792.89	832.76	
295	846.37	888.90	
300	893.49	938.37	
305	934.17	981.08	
310	968.53	1017.14	
315	996.78	1046.80	
320	1019.25	1070.40	
325	1036.28	1088.27	
330	1048.18	1100.77	
335	1055.21	1108.15	
340	1057.54	1110.59	
345	1055.21	1108.15	
350	1048.18	1100.77	
355	1036.28	1088.27	

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.

15 Mar 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission