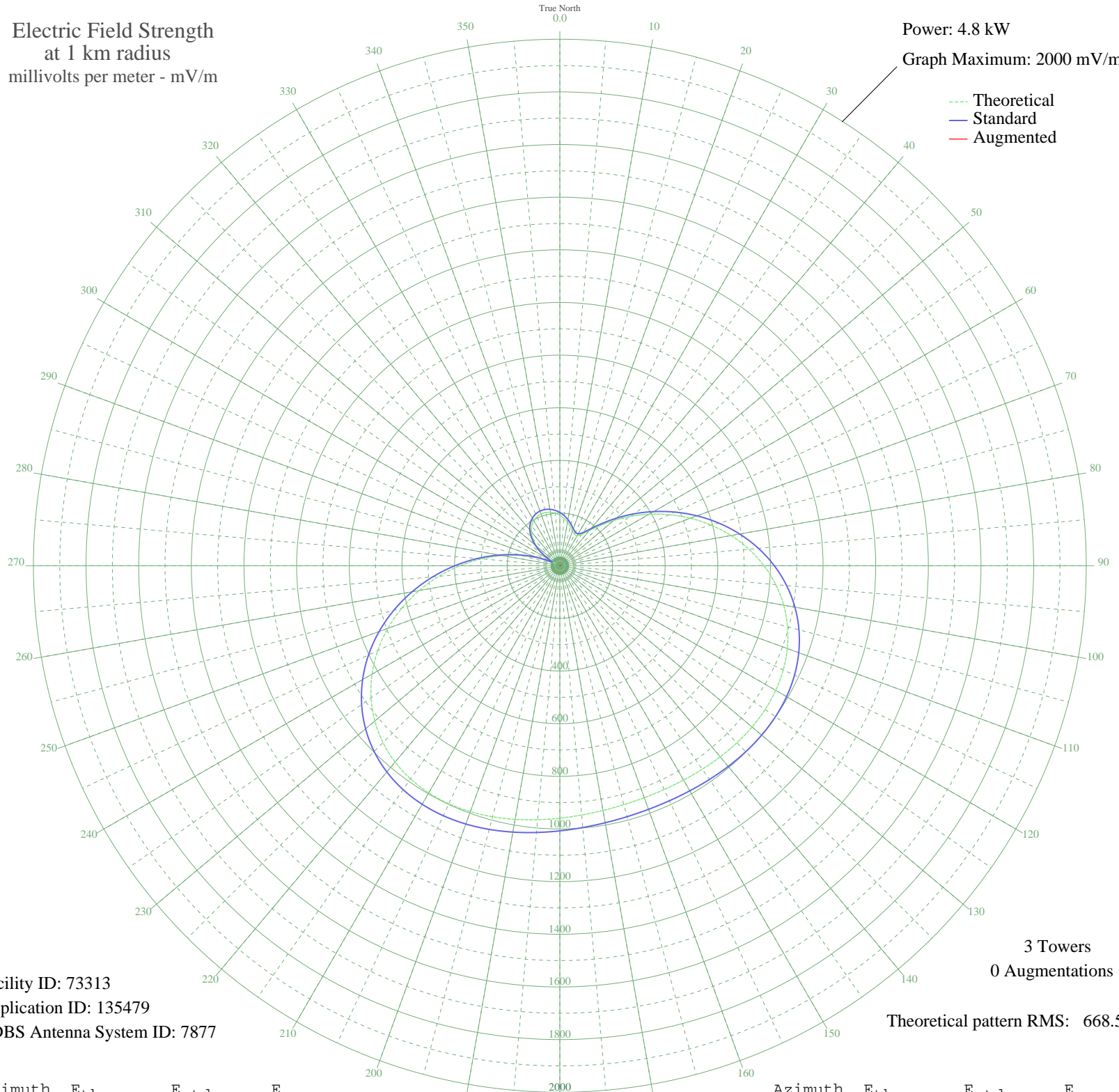


WNAP NORRISTOWN, PA BL-19891117AC 1110 kHz

Daytime

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

Power: 4.8 kW
Graph Maximum: 2000 mV/m



Facility ID: 73313
Application ID: 135479
CDBS Antenna System ID: 7877

3 Towers
0 Augmentations

Theoretical pattern RMS: 668.57

Azimuth	E _{theo}	E _{std}	E _{aug}
0	191.52	202.41	
5	180.59	191.01	
10	167.78	177.66	
15	153.95	163.27	
20	140.85	149.68	
25	131.78	140.26	
30	131.66	140.14	
35	145.20	154.19	
40	173.78	183.91	
45	215.41	227.35	
50	267.18	281.48	
55	326.47	343.56	
60	390.99	411.19	
65	458.66	482.14	
70	527.43	554.28	
75	595.31	625.50	
80	660.42	693.82	
85	721.04	757.44	
90	775.73	814.84	
95	823.41	864.89	
100	863.39	906.85	
105	895.40	940.45	
110	919.60	965.85	
115	936.52	983.61	
120	947.00	994.61	
125	952.11	999.98	
130	953.08	1000.99	
135	951.16	998.99	
140	947.62	995.26	
145	943.59	991.03	
150	940.07	987.35	
155	937.89	985.05	
160	937.62	984.77	
165	939.62	986.87	
170	943.98	991.45	
175	950.56	998.35	

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.

31 Aug 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	958.94	1007.15	
185	968.47	1017.16	
190	978.27	1027.44	
195	987.25	1036.87	
200	994.15	1044.11	
205	997.61	1047.74	
210	996.23	1046.29	
215	988.63	1038.32	
220	973.58	1022.52	
225	950.07	997.84	
230	917.39	963.53	
235	875.23	919.28	
240	823.72	865.22	
245	763.46	801.96	
250	695.47	730.60	
255	621.19	652.66	
260	542.38	569.97	
265	461.00	484.59	
270	379.08	398.69	
275	298.62	314.40	
280	221.50	233.71	
285	149.36	158.51	
290	83.88	91.03	
295	29.51	38.59	
300	36.33	44.55	
305	77.73	84.79	
310	114.19	122.09	
315	144.07	153.01	
320	167.57	177.45	
325	185.23	195.85	
330	197.64	208.79	
335	205.41	216.90	
340	209.11	220.76	
345	209.21	220.87	
350	206.11	217.63	
355	200.12	211.38	