

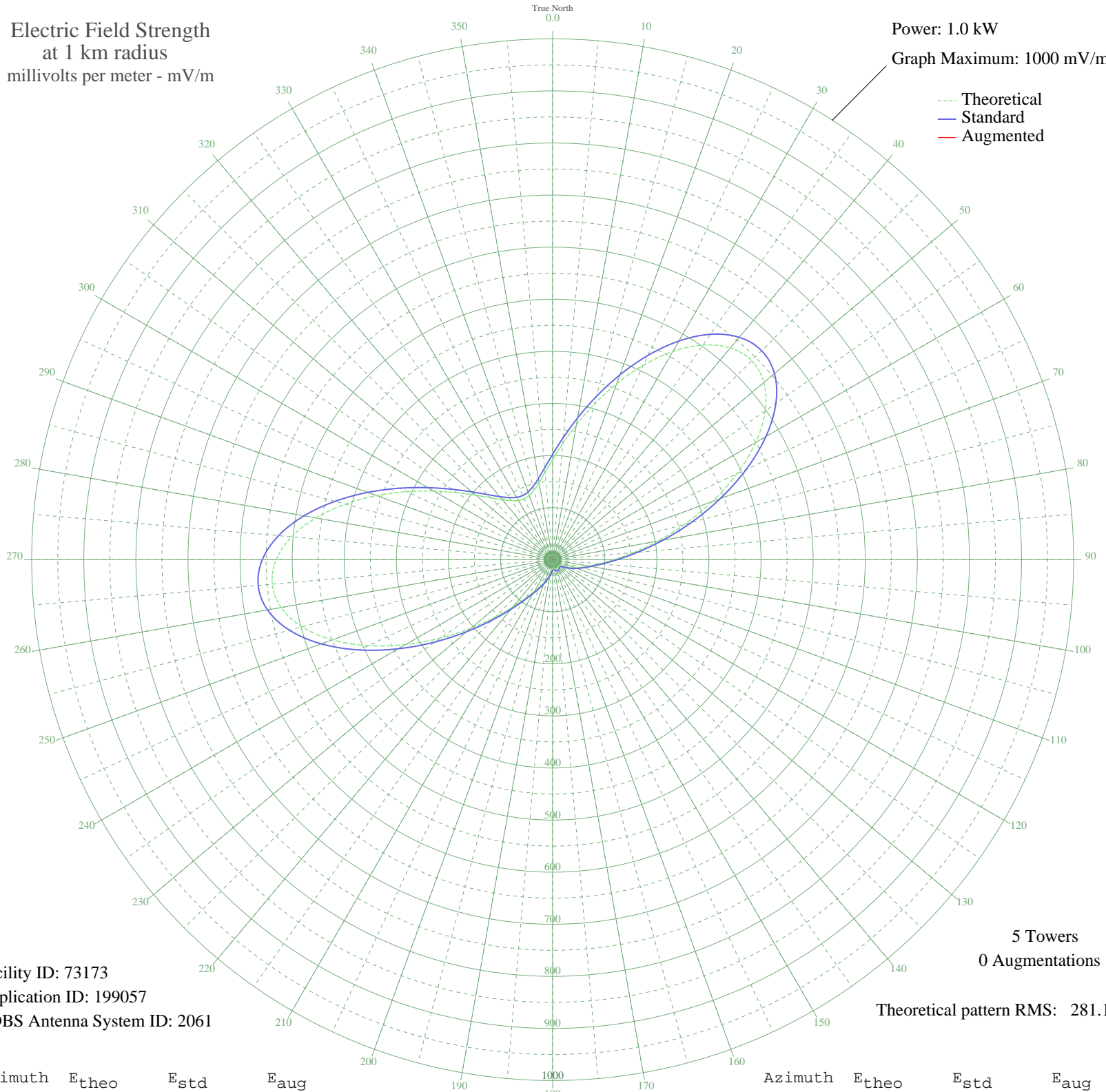
WNMT NASHWAUK, MN BL-19940509AA 650 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 73173
Application ID: 199057
CDBS Antenna System ID: 2061

5 Towers
0 Augmentations

Theoretical pattern RMS: 281.18

Azimuth	E _{theo}	E _{std}	E _{aug}
0	192.41	202.30	
5	224.04	235.47	
10	263.06	276.41	
15	308.82	324.43	
20	359.51	377.63	
25	411.92	432.64	
30	461.54	484.73	
35	502.96	528.21	
40	530.69	557.33	
45	540.28	567.39	
50	529.30	555.87	
55	498.16	523.17	
60	450.06	472.68	
65	390.44	410.10	
70	325.72	342.16	
75	262.05	275.36	
80	204.35	214.82	
85	155.78	163.91	
90	117.74	124.07	
95	89.94	95.02	
100	70.53	74.80	
105	56.71	60.46	
110	45.82	49.24	
115	36.33	39.56	
120	27.90	31.12	
125	21.06	24.48	
130	16.79	20.52	
135	15.62	19.47	
140	16.62	20.36	
145	18.22	21.82	
150	19.46	22.97	
155	19.90	23.39	
160	19.46	22.97	
165	18.22	21.82	
170	16.62	20.36	
175	15.62	19.47	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	16.79	20.52	
185	21.06	24.48	
190	27.90	31.12	
195	36.33	39.56	
200	45.82	49.24	
205	56.71	60.46	
210	70.53	74.80	
215	89.94	95.02	
220	117.74	124.07	
225	155.78	163.91	
230	204.35	214.82	
235	262.05	275.36	
240	325.72	342.16	
245	390.44	410.10	
250	450.06	472.68	
255	498.16	523.17	
260	529.30	555.87	
265	540.28	567.39	
270	530.69	557.33	
275	502.96	528.21	
280	461.54	484.73	
285	411.92	432.64	
290	359.51	377.63	
295	308.82	324.43	
300	263.06	276.41	
305	224.04	235.47	
310	192.41	202.30	
315	168.00	176.71	
320	150.17	158.03	
325	138.16	145.44	
330	131.26	138.22	
335	129.01	135.87	
340	131.26	138.22	
345	138.16	145.44	
350	150.17	158.03	
355	168.00	176.71	