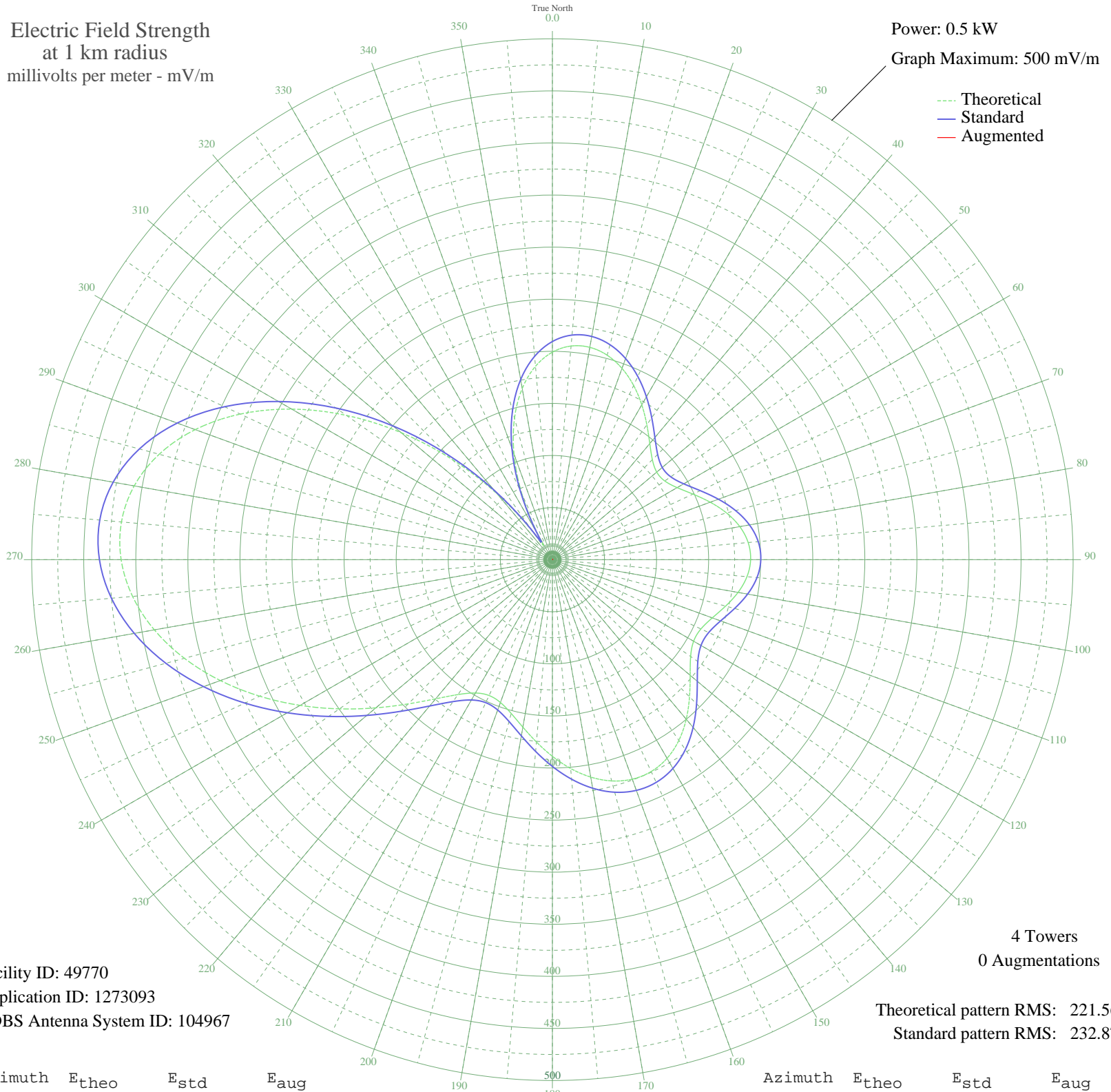


KTIS MINNEAPOLIS, MN BL-20081008ANA 900 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 49770
Application ID: 1273093
CDBS Antenna System ID: 104967

4 Towers
0 Augmentations

Theoretical pattern RMS: 221.56
Standard pattern RMS: 232.87

Azimuth	E _{theo}	E _{std}	E _{aug}
0	199.20	209.42	
5	205.88	216.43	
10	206.97	217.58	
15	203.21	213.63	
20	195.42	205.46	
25	184.54	194.05	
30	171.65	180.54	
35	158.09	166.33	
40	145.48	153.11	
45	135.74	142.91	
50	130.76	137.70	
55	131.71	138.69	
60	138.30	145.60	
65	148.91	156.71	
70	161.26	169.65	
75	173.14	182.10	
80	182.73	192.15	
85	188.70	198.41	
90	190.33	200.12	
95	187.54	197.20	
100	181.00	190.34	
105	172.19	181.10	
110	163.38	171.88	
115	157.37	165.57	
120	156.59	164.75	
125	162.03	170.46	
130	172.69	181.62	
135	186.19	195.78	
140	199.93	210.19	
145	211.76	222.59	
150	220.19	231.44	
155	224.43	235.89	
160	224.25	235.70	
165	219.90	231.13	
170	211.94	222.79	
175	201.23	211.56	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	188.78	198.49	
185	175.71	184.79	
190	163.27	171.76	
195	152.85	160.83	
200	145.91	153.56	
205	143.88	151.44	
210	147.81	155.56	
215	158.09	166.33	
220	174.37	183.39	
225	195.80	205.85	
230	221.30	232.60	
235	249.70	262.40	
240	279.75	293.93	
245	310.11	325.78	
250	339.31	356.43	
255	365.84	384.27	
260	388.12	407.66	
265	404.66	425.02	
270	414.12	434.95	
275	415.39	436.29	
280	407.76	428.28	
285	390.91	410.59	
290	365.01	383.40	
295	330.69	347.38	
300	289.04	303.67	
305	241.52	253.81	
310	189.87	199.64	
315	136.06	143.24	
320	82.23	86.98	
325	31.91	35.11	
330	26.97	30.20	
335	68.94	73.14	
340	107.80	113.68	
345	140.67	148.07	
350	166.89	175.55	
355	186.34	195.94	