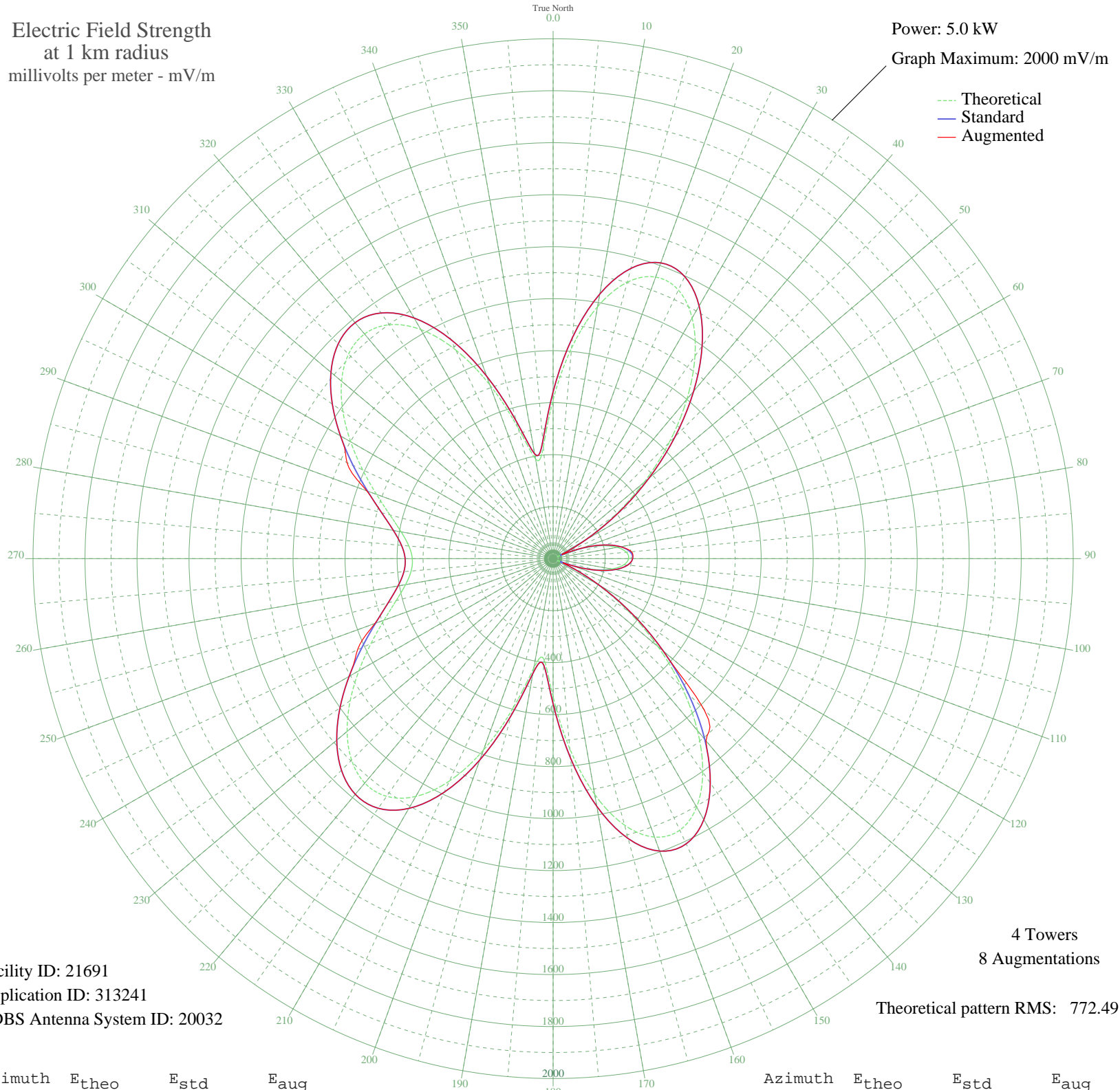


KSCJ SIOUX CITY, IA BL-- 1360 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 21691
Application ID: 313241
CDBS Antenna System ID: 20032

4 Towers
8 Augmentations
Theoretical pattern RMS: 772.49

Azimuth	E _{theo}	E _{std}	E _{aug}
0	610.97	641.95	641.95
5	812.98	853.95	853.95
10	984.12	1033.59	1033.59
15	1100.68	1155.96	1155.96
20	1152.84	1210.71	1210.71
25	1140.12	1197.36	1197.36
30	1069.07	1122.77	1122.77
35	951.10	998.93	998.93
40	800.23	840.57	840.57
45	631.03	663.00	663.00
50	456.92	480.34	480.34
55	289.13	304.50	304.50
60	136.37	145.10	145.10
65	16.90	29.43	37.01
70	108.21	116.02	119.09
75	191.69	202.64	202.64
80	249.92	263.47	263.47
85	282.72	297.79	302.56
90	290.28	305.69	305.69
95	272.64	287.24	287.24
100	229.69	242.31	242.31
105	161.28	170.97	171.69
110	68.25	75.41	80.12
115	55.45	62.78	66.58
120	195.20	206.30	206.30
125	354.88	373.36	373.36
130	526.37	553.19	553.19
135	700.01	735.39	820.44
140	863.59	907.07	914.74
145	1003.06	1053.47	1053.47
150	1103.85	1159.28	1159.28
155	1152.71	1210.57	1210.57
160	1139.92	1197.14	1197.14
165	1061.48	1114.80	1114.80
170	921.28	967.63	967.63
175	733.86	770.91	770.91

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	531.73	558.81	558.81
185	391.13	411.35	411.35
190	426.67	448.62	448.62
195	595.43	625.65	625.65
200	784.49	824.05	824.05
205	944.19	991.68	991.68
210	1056.38	1109.44	1109.44
215	1116.28	1172.33	1172.33
220	1126.87	1183.45	1183.45
225	1095.98	1151.02	1151.02
230	1034.10	1086.05	1086.05
235	952.57	1000.48	1000.48
240	862.31	905.73	905.73
245	772.83	811.81	829.94
250	691.82	726.79	728.95
255	625.02	656.69	656.69
260	576.33	605.60	605.60
265	548.11	576.00	576.00
270	541.54	569.10	569.10
275	556.84	585.16	585.16
280	593.45	623.56	623.56
285	649.75	682.64	682.64
290	722.80	759.30	762.40
295	807.99	848.72	874.61
300	898.82	944.05	944.05
305	986.82	1036.43	1036.43
310	1061.85	1115.19	1115.19
315	1112.69	1168.56	1168.56
320	1128.13	1184.77	1184.77
325	1098.54	1153.70	1153.70
330	1017.72	1068.87	1068.87
335	885.39	929.96	929.96
340	710.66	746.56	746.56
345	520.75	547.29	547.29
350	388.96	409.08	409.08
355	431.97	454.17	454.17