

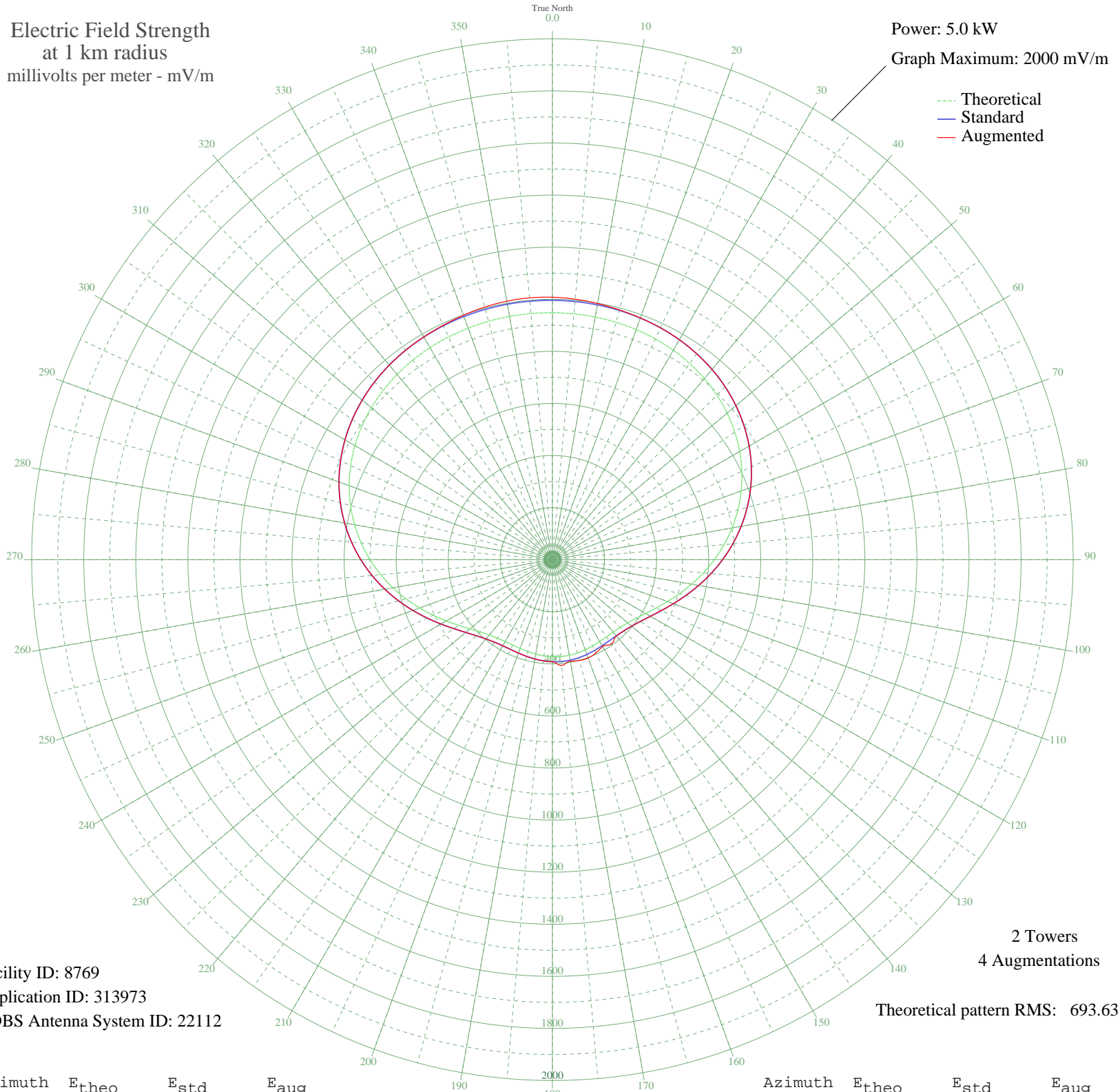
KWSL SIOUX CITY, IA BL-- 1470 kHz

Daytime

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 8769
Application ID: 313973
CDBS Antenna System ID: 22112

2 Towers
4 Augmentations

Theoretical pattern RMS: 693.63

Azimuth	Etheo	Estd	Eaug
0	948.34	996.04	1007.75
5	947.52	995.17	1004.10
10	946.01	993.59	998.89
15	943.63	991.09	993.11
20	940.10	987.38	987.56
25	935.11	982.15	982.15
30	928.31	975.01	975.01
35	919.33	965.58	965.58
40	907.81	953.49	953.49
45	893.40	938.37	938.37
50	875.83	919.92	919.92
55	854.89	897.94	897.94
60	830.47	872.31	872.31
65	802.60	843.06	843.06
70	771.42	810.33	810.33
75	737.25	774.47	774.47
80	700.53	735.93	735.93
85	661.88	695.37	695.37
90	622.05	653.58	653.58
95	581.94	611.49	611.49
100	542.55	570.16	570.16
105	504.94	530.71	530.71
110	470.21	494.28	494.28
115	439.41	461.98	461.98
120	413.40	434.70	434.70
125	392.78	413.09	413.09
130	377.75	397.33	397.33
135	368.04	387.15	387.15
140	362.96	381.83	381.83
145	361.54	380.34	395.51
150	362.64	381.49	385.24
155	365.16	384.14	395.20
160	368.15	387.27	401.84
165	370.83	390.08	400.98
170	372.65	391.99	395.64
175	373.30	392.66	407.97

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	372.65	391.99	391.99
185	370.83	390.08	390.08
190	368.15	387.27	387.27
195	365.16	384.14	384.14
200	362.64	381.49	381.49
205	361.54	380.34	380.34
210	362.96	381.83	381.83
215	368.04	387.15	387.15
220	377.75	397.33	397.33
225	392.78	413.09	413.09
230	413.40	434.70	434.70
235	439.41	461.98	461.98
240	470.21	494.28	494.28
245	504.94	530.71	530.71
250	542.55	570.16	570.16
255	581.94	611.49	611.49
260	622.05	653.58	653.58
265	661.88	695.37	695.37
270	700.53	735.93	735.93
275	737.25	774.46	774.46
280	771.42	810.33	810.33
285	802.60	843.06	843.06
290	830.47	872.31	872.31
295	854.89	897.94	897.94
300	875.83	919.92	919.92
305	893.40	938.37	938.37
310	907.81	953.49	953.49
315	919.33	965.58	965.58
320	928.31	975.01	975.01
325	935.11	982.15	982.15
330	940.10	987.38	987.56
335	943.63	991.09	993.11
340	946.01	993.59	998.89
345	947.52	995.17	1004.10
350	948.34	996.04	1007.75
355	948.60	996.31	1009.06