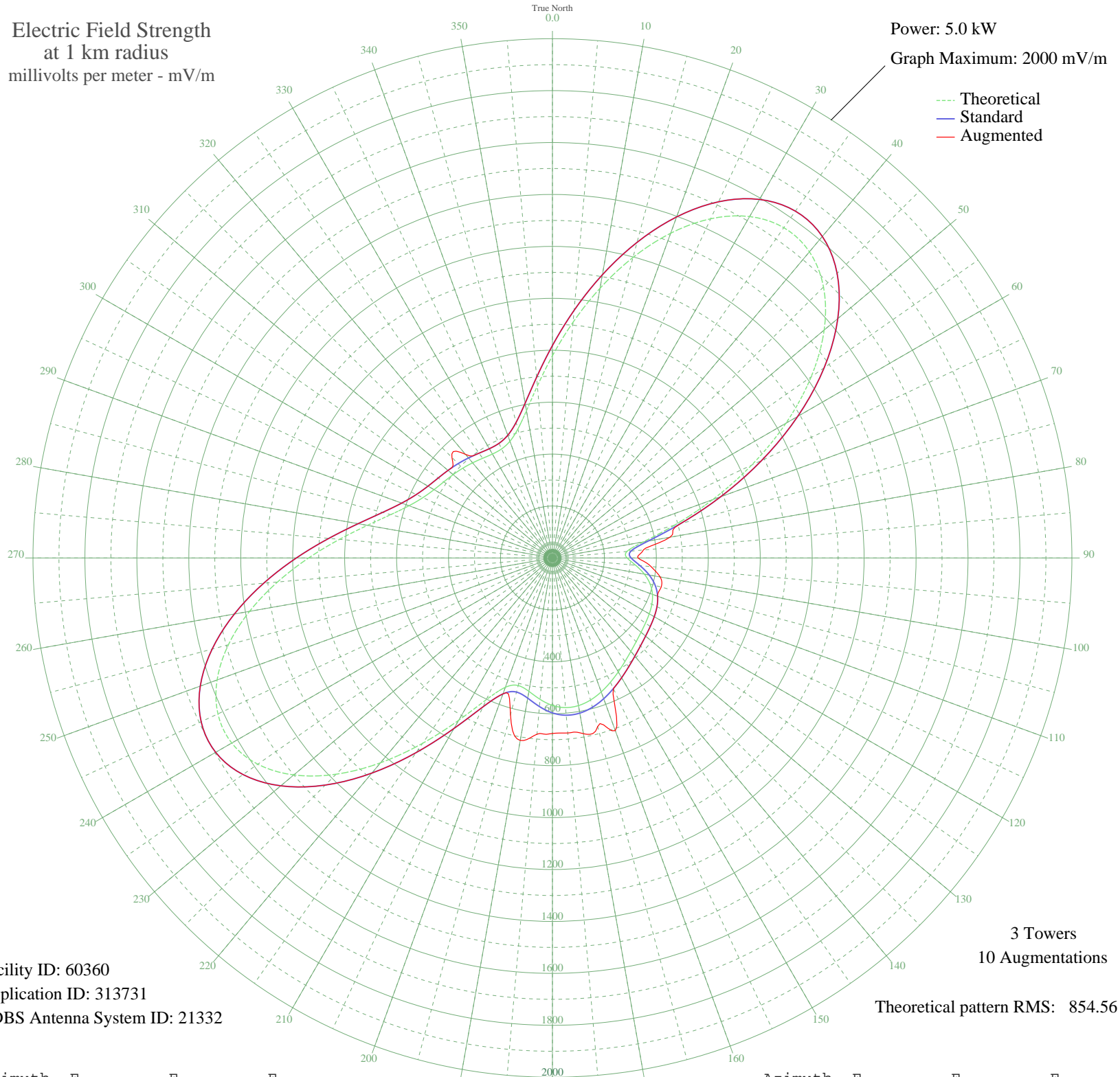


WOC DAVENPORT, IA BL-- 1420 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 60360
Application ID: 313731
CDBS Antenna System ID: 21332

3 Towers
10 Augmentations
Theoretical pattern RMS: 854.56

Azimuth	E _{theo}	E _{std}	E _{aug}
0	778.91	818.23	818.23
5	911.52	957.41	957.41
10	1054.64	1107.65	1107.65
15	1198.23	1258.38	1258.38
20	1331.02	1397.79	1397.79
25	1441.38	1513.65	1513.65
30	1518.35	1594.46	1594.46
35	1552.94	1630.78	1630.78
40	1539.37	1616.52	1616.52
45	1475.97	1549.96	1549.96
50	1365.71	1434.21	1434.21
55	1216.06	1277.10	1277.10
60	1038.26	1090.45	1090.45
65	846.34	889.00	889.00
70	656.17	689.42	689.42
75	485.37	510.24	510.24
80	354.94	373.51	459.39
85	287.97	303.38	351.07
90	287.42	302.80	329.17
95	321.37	338.34	381.17
100	359.49	378.28	420.98
105	389.57	409.80	433.51
110	409.76	430.96	430.96
115	422.26	444.06	444.06
120	430.39	452.58	452.58
125	437.27	459.80	459.80
130	445.26	468.18	468.18
135	455.83	479.27	479.27
140	469.68	493.79	493.79
145	486.85	511.79	511.79
150	506.76	532.67	532.67
155	528.15	555.10	555.10
160	548.99	576.97	707.81
165	566.50	595.34	672.52
170	577.40	606.77	687.29
175	578.51	607.94	676.71

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	567.89	596.80	676.01
185	546.64	574.50	681.28
190	521.70	548.34	713.63
195	508.70	534.71	624.25
200	530.10	557.16	557.16
205	602.17	632.76	632.76
210	721.86	758.36	758.36
215	871.46	915.37	915.37
220	1029.87	1081.65	1081.65
225	1177.96	1237.11	1237.11
230	1300.10	1365.33	1365.33
235	1384.89	1454.35	1454.35
240	1425.74	1497.23	1497.23
245	1421.06	1492.31	1492.31
250	1373.99	1442.90	1442.90
255	1291.67	1356.48	1356.48
260	1184.06	1243.51	1243.51
265	1062.56	1115.96	1115.96
270	938.71	985.95	985.95
275	822.88	864.38	864.38
280	723.23	759.79	759.79
285	644.59	677.27	677.27
290	587.85	617.74	617.74
295	550.16	578.20	578.20
300	526.33	553.20	553.20
305	510.82	536.93	536.93
310	499.18	524.72	524.72
315	488.66	513.69	547.17
320	478.25	502.77	521.08
325	468.59	492.64	492.64
330	462.13	485.87	485.87
335	463.29	487.08	487.08
340	478.35	502.88	502.88
345	514.20	540.47	540.47
350	575.97	605.28	605.28
355	665.10	698.79	698.79