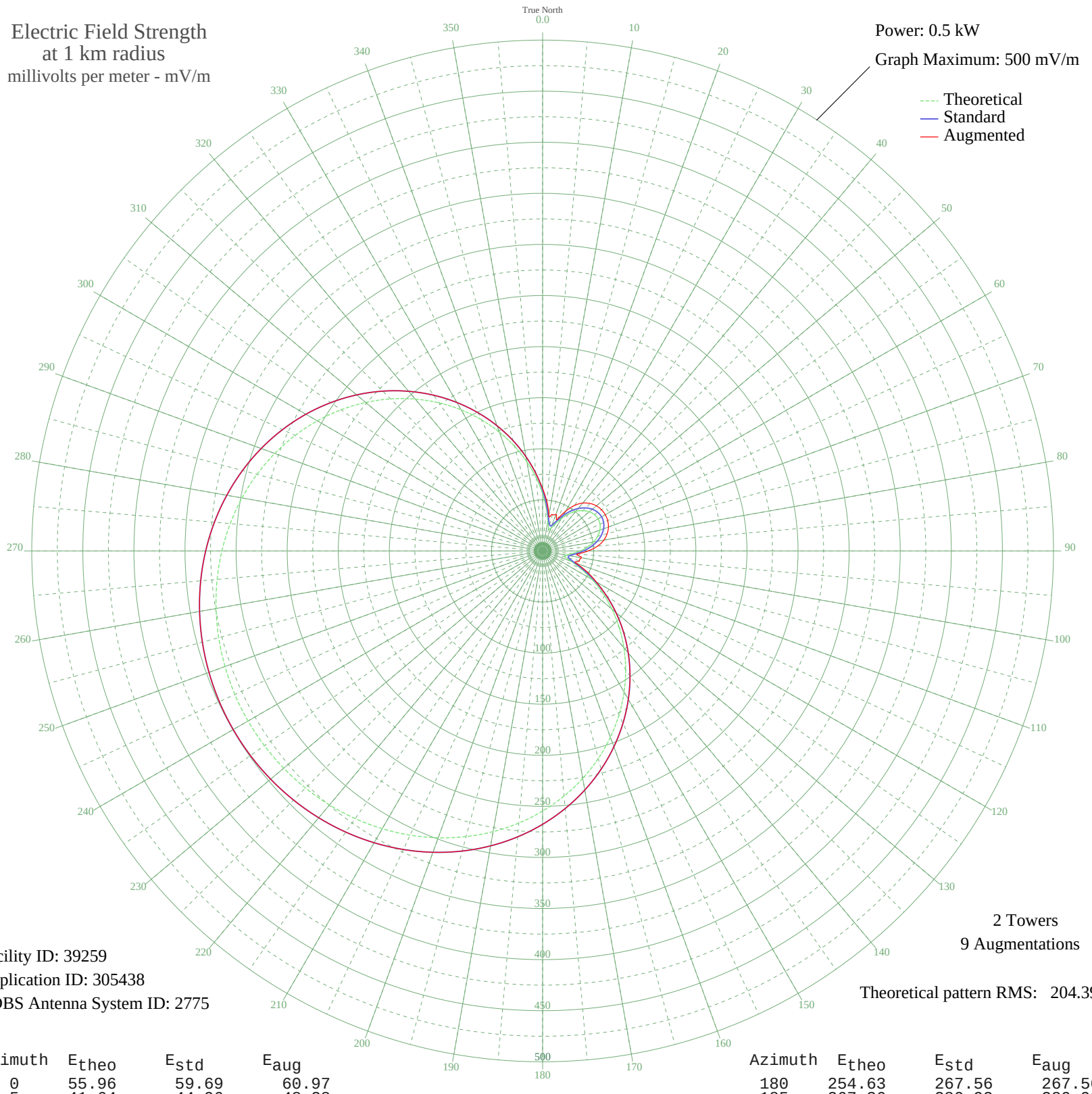
KQAD LUVERNE, MN BL-- 800 kHz

Daytime



Facility ID: 39259
Application ID: 305438
CDBS Antenna System ID: 2775

2 Towers
9 Augmentations

Theoretical pattern RMS: 204.39

Azimuth	E_{theo}	E_{std}	E_{aug}
0	55.96	59.69	60.97
5	41.64	44.96	48.28
10	29.87	33.08	35.34
15	22.96	26.29	37.01
20	23.36	26.68	38.14
25	29.19	32.40	34.17
30	36.74	39.98	44.75
35	44.12	47.50	54.28
40	50.59	54.15	61.16
45	55.81	59.54	65.71
50	59.63	63.49	68.69
55	61.95	65.89	70.30
60	62.72	66.69	70.81
65	61.95	65.89	70.26
70	59.63	63.49	68.54
75	55.81	59.54	65.45
80	50.59	54.15	60.83
85	44.12	47.50	53.97
90	36.74	39.98	44.52
95	29.19	32.40	34.09
100	23.36	26.68	38.62
105	22.96	26.29	37.35
110	29.87	33.08	34.79
115	41.64	44.96	47.48
120	55.96	59.69	60.66
125	71.79	76.11	76.11
130	88.59	93.61	93.61
135	106.00	111.79	111.79
140	123.77	130.38	130.38
145	141.65	149.10	149.10
150	159.45	167.75	167.75
155	176.95	186.10	186.10
160	194.00	203.97	203.97
165	210.42	221.19	221.19
170	226.07	237.61	237.61
175	240.84	253.10	253.10

Azimuth	E_{theo}	E_{std}	E_{aug}
180	254.63	267.56	267.56
185	267.36	280.92	280.92
190	278.98	293.11	293.11
195	289.45	304.10	304.10
200	298.76	313.88	313.88
205	306.92	322.43	322.43
210	313.92	329.78	329.78
215	319.78	335.93	335.93
220	324.54	340.92	340.92
225	328.20	344.77	344.77
230	330.81	347.50	347.50
235	332.36	349.13	349.13
240	332.88	349.68	349.68
245	332.36	349.13	349.13
250	330.81	347.50	347.50
255	328.20	344.77	344.77
260	324.54	340.92	340.92
265	319.78	335.93	335.93
270	313.92	329.78	329.78
275	306.92	322.43	322.43
280	298.76	313.88	313.88
285	289.45	304.10	304.10
290	278.97	293.11	293.11
295	267.36	280.92	280.92
300	254.63	267.56	267.56
305	240.84	253.10	253.10
310	226.07	237.60	237.60
315	210.42	221.19	221.19
320	194.00	203.97	203.97
325	176.95	186.10	186.10
330	159.45	167.75	167.75
335	141.65	149.10	149.10
340	123.77	130.38	130.38
345	106.00	111.79	111.79
350	88.59	93.61	93.61
355	71.79	76.11	76.11

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.

06 Nov 2009

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