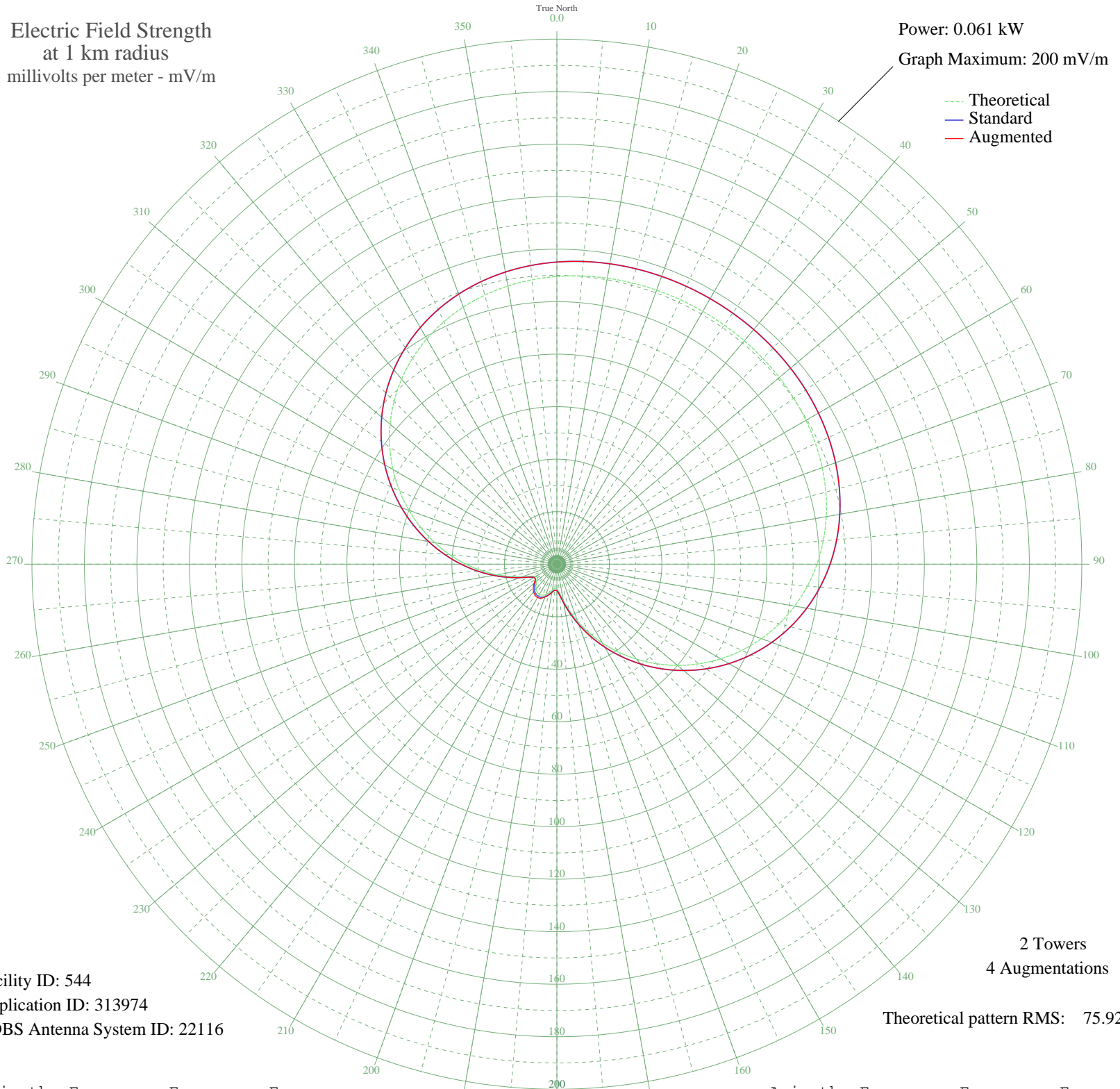


KWAY WAVERLY, IA BL-- 1470 kHz

Nighttime

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

Power: 0.061 kW
Graph Maximum: 200 mV/m



Facility ID: 544
Application ID: 313974
CDBS Antenna System ID: 22116

2 Towers
4 Augmentations

Theoretical pattern RMS: 75.92

Azimuth	Etheo	Estd	Eaug
0	109.58	115.09	115.09
5	110.19	115.73	115.73
10	110.62	116.18	116.18
15	110.91	116.48	116.48
20	111.08	116.66	116.66
25	111.17	116.76	116.76
30	111.20	116.79	116.79
35	111.17	116.76	116.76
40	111.08	116.66	116.66
45	110.91	116.48	116.48
50	110.62	116.18	116.18
55	110.19	115.73	115.73
60	109.58	115.09	115.09
65	108.72	114.19	114.19
70	107.58	112.99	112.99
75	106.09	111.43	111.43
80	104.21	109.45	109.45
85	101.89	107.02	107.02
90	99.10	104.09	104.09
95	95.81	100.64	100.64
100	92.02	96.65	96.65
105	87.72	92.14	92.14
110	82.93	87.12	87.12
115	77.71	81.63	81.63
120	72.09	75.73	75.73
125	66.14	69.50	69.50
130	59.95	63.00	63.00
135	53.61	56.35	56.35
140	47.21	49.63	49.63
145	40.85	42.98	42.98
150	34.66	36.48	36.48
155	28.73	30.28	30.28
160	23.21	24.51	24.51
165	18.24	19.32	19.32
170	14.03	14.96	14.96
175	10.91	11.74	11.75

Azimuth	Etheo	Estd	Eaug
180	9.27	10.07	10.11
185	9.18	9.98	10.02
190	10.08	10.90	10.90
195	11.28	12.12	12.12
200	12.33	13.20	13.30
205	13.02	13.92	14.30
210	13.26	14.17	14.70
215	13.02	13.92	14.47
220	12.33	13.20	13.79
225	11.28	12.12	12.75
230	10.08	10.90	11.29
235	9.18	9.98	10.06
240	9.27	10.07	10.11
245	10.91	11.74	11.75
250	14.03	14.96	14.96
255	18.24	19.32	19.32
260	23.21	24.51	24.51
265	28.73	30.28	30.28
270	34.66	36.48	36.48
275	40.85	42.98	42.98
280	47.21	49.63	49.63
285	53.61	56.35	56.35
290	59.95	63.00	63.00
295	66.14	69.50	69.50
300	72.09	75.73	75.73
305	77.71	81.63	81.63
310	82.93	87.12	87.12
315	87.72	92.14	92.14
320	92.02	96.65	96.65
325	95.81	100.64	100.64
330	99.10	104.09	104.09
335	101.89	107.02	107.02
340	104.21	109.45	109.45
345	106.09	111.43	111.43
350	107.58	112.99	112.99
355	108.72	114.19	114.19

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