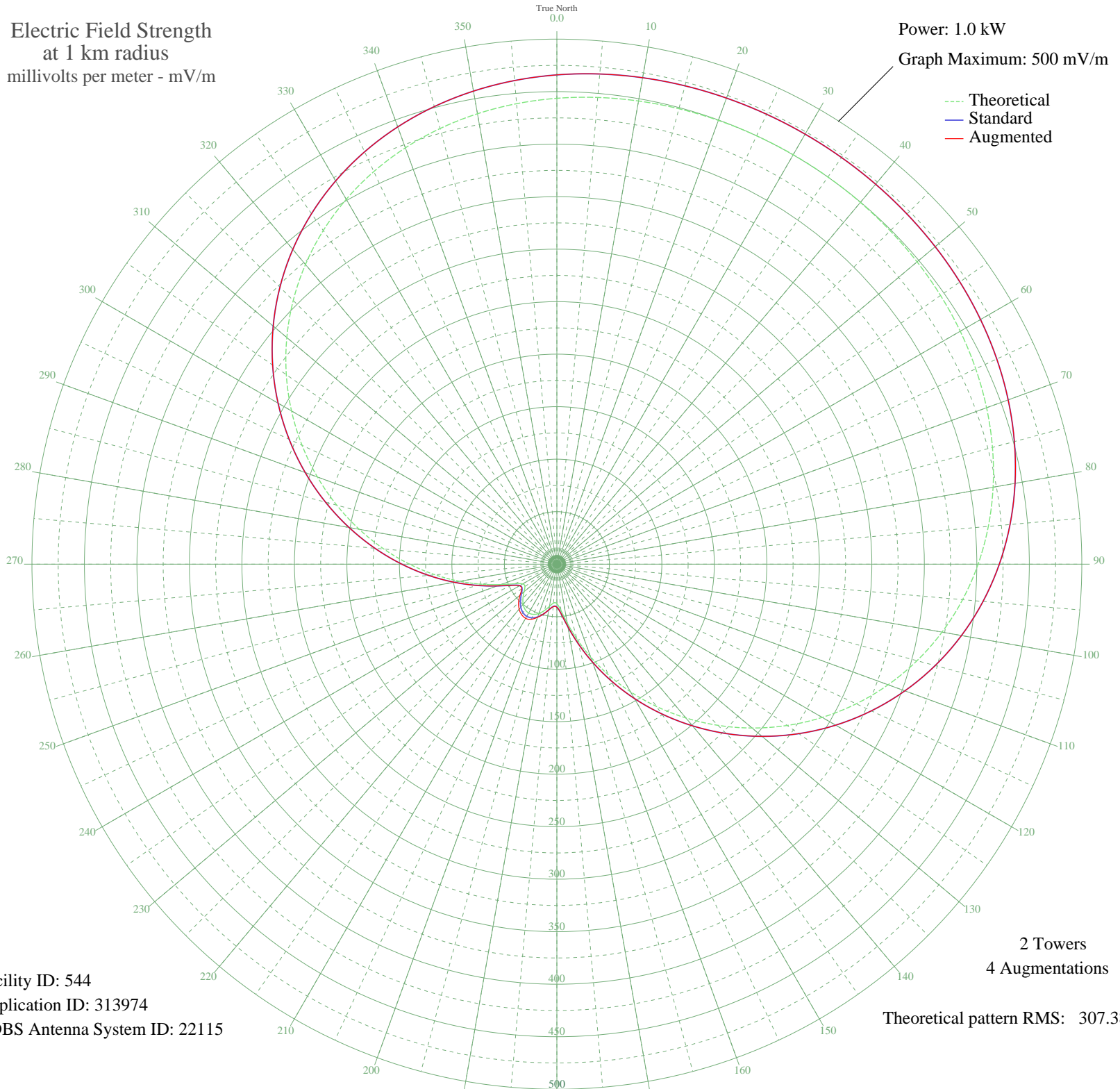


# KWAY WAVERLY, IA BL-- 1470 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 544  
Application ID: 313974  
CDBS Antenna System ID: 22115

2 Towers  
4 Augmentations  
Theoretical pattern RMS: 307.38

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	443.65	465.95	465.95
5	446.15	468.57	468.57
10	447.88	470.39	470.39
15	449.03	471.60	471.60
20	449.74	472.34	472.34
25	450.12	472.74	472.74
30	450.24	472.86	472.86
35	450.12	472.74	472.74
40	449.74	472.34	472.34
45	449.03	471.60	471.60
50	447.88	470.39	470.39
55	446.15	468.57	468.57
60	443.65	465.95	465.95
65	440.19	462.32	462.32
70	435.56	457.46	457.46
75	429.53	451.13	451.13
80	421.92	443.14	443.14
85	412.54	433.29	433.29
90	401.24	421.43	421.43
95	387.92	407.45	407.45
100	372.55	391.32	391.32
105	355.14	373.05	373.05
110	335.78	352.73	352.73
115	314.61	330.51	330.51
120	291.86	306.63	306.63
125	267.79	281.37	281.37
130	242.72	255.08	255.08
135	217.04	228.13	228.13
140	191.13	200.96	200.96
145	165.41	174.00	174.00
150	140.32	147.71	147.71
155	116.34	122.61	122.61
160	93.97	99.22	99.22
165	73.83	78.23	78.23
170	56.80	60.55	60.55
175	44.17	47.55	47.56

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.

17 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	37.53	40.78	41.03
185	37.16	40.40	40.70
190	40.81	44.12	44.16
195	45.66	49.08	49.08
200	49.92	53.46	53.83
205	52.73	56.35	57.92
210	53.70	57.36	59.55
215	52.73	56.35	58.62
220	49.92	53.46	55.91
225	45.66	49.08	51.67
230	40.81	44.12	45.77
235	37.16	40.40	40.88
240	37.53	40.78	41.04
245	44.17	47.55	47.58
250	56.80	60.55	60.55
255	73.83	78.23	78.23
260	93.97	99.22	99.22
265	116.34	122.61	122.61
270	140.32	147.71	147.71
275	165.41	174.00	174.00
280	191.13	200.96	200.96
285	217.04	228.13	228.13
290	242.72	255.08	255.08
295	267.79	281.37	281.37
300	291.86	306.63	306.63
305	314.61	330.51	330.51
310	335.78	352.73	352.73
315	355.14	373.05	373.05
320	372.55	391.32	391.32
325	387.92	407.45	407.45
330	401.24	421.43	421.43
335	412.54	433.29	433.29
340	421.92	443.14	443.14
345	429.53	451.13	451.13
350	435.56	457.46	457.46
355	440.19	462.32	462.32