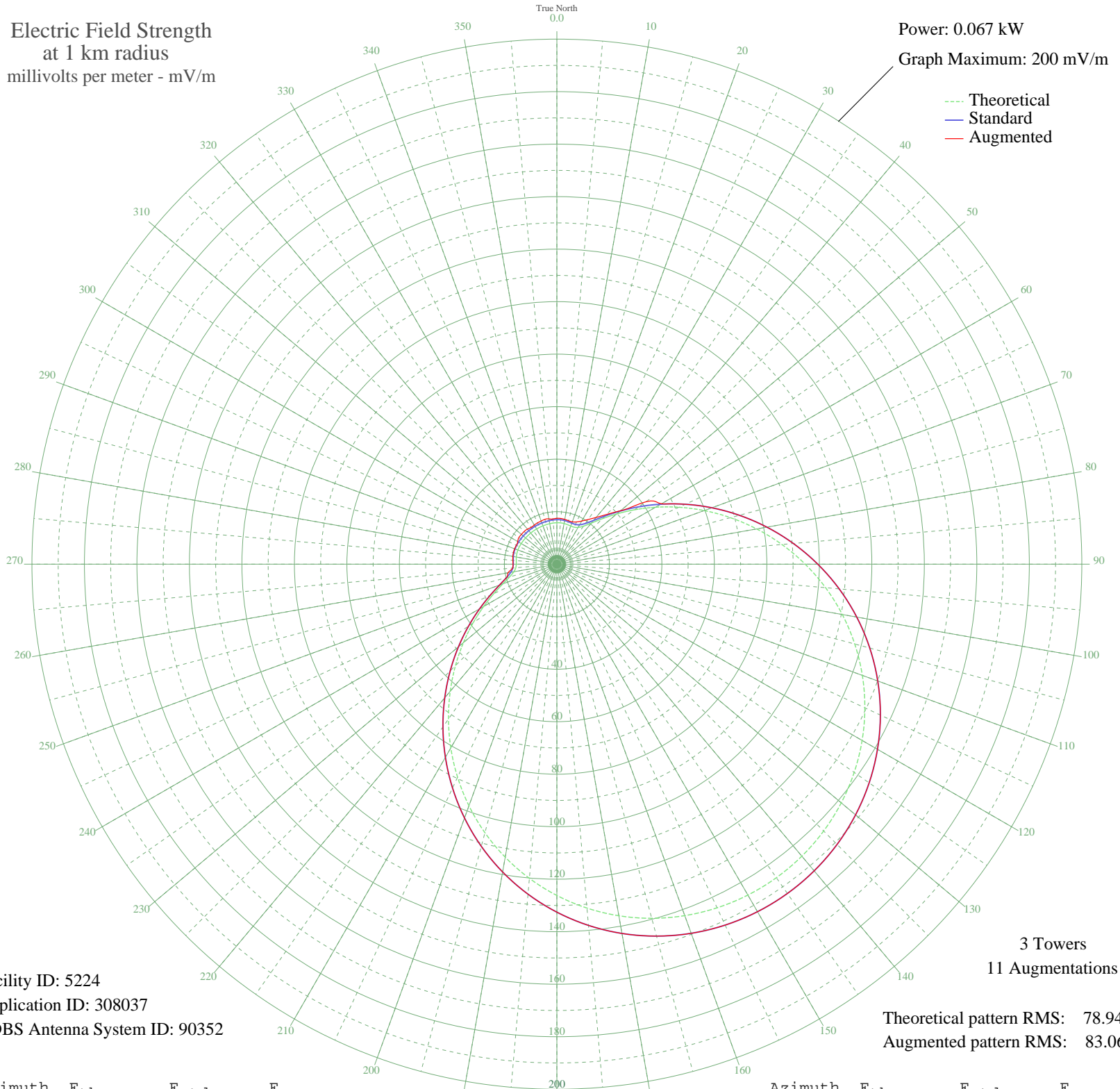


# KCPS BURLINGTON, IA BL-- 1150 kHz

Nighttime

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

Power: 0.067 kW  
Graph Maximum: 200 mV/m



Facility ID: 5224  
Application ID: 308037  
CDBS Antenna System ID: 90352

Theoretical pattern RMS: 78.94  
Augmented pattern RMS: 83.06

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	15.80	16.97	17.49
5	15.80	16.97	17.47
10	15.73	16.90	17.33
15	15.59	16.76	17.14
20	15.47	16.63	17.16
25	15.55	16.72	17.76
30	16.16	17.35	18.97
35	17.69	18.92	20.77
40	20.43	21.75	23.24
45	24.48	25.95	26.76
50	29.77	31.46	31.70
55	36.13	38.10	41.44
60	43.37	45.69	45.99
65	51.31	53.99	53.99
70	59.74	62.83	62.83
75	68.46	71.97	71.97
80	77.30	81.24	81.24
85	86.07	90.45	90.45
90	94.61	99.41	99.41
95	102.78	107.97	107.97
100	110.44	116.01	116.01
105	117.49	123.42	123.42
110	123.86	130.10	130.10
115	129.47	135.99	135.99
120	134.29	141.05	141.05
125	138.29	145.24	145.24
130	141.44	148.56	148.56
135	143.75	150.98	150.98
140	145.20	152.50	152.50
145	145.80	153.13	153.13
150	145.54	152.86	152.86
155	144.43	151.69	151.69
160	142.46	149.63	149.63
165	139.65	146.68	146.68
170	135.99	142.83	142.83
175	131.50	138.12	138.12

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.

23 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	126.20	132.55	132.55
185	120.12	126.18	126.18
190	113.34	119.06	119.06
195	105.91	111.26	111.26
200	97.93	102.89	102.89
205	89.52	94.07	94.07
210	80.82	84.94	84.94
215	71.99	75.68	75.68
220	63.20	66.46	66.46
225	54.63	57.48	57.48
230	46.48	48.93	48.93
235	38.93	41.04	41.04
240	32.19	33.99	33.99
245	26.45	28.01	28.01
250	21.89	23.26	23.26
255	18.63	19.89	19.89
260	16.64	17.84	18.90
265	15.71	16.88	16.91
270	15.46	16.63	16.70
275	15.53	16.70	16.84
280	15.68	16.85	17.03
285	15.78	16.95	17.14
290	15.81	16.98	17.13
295	15.76	16.94	17.03
300	15.69	16.86	17.22
305	15.61	16.78	17.69
310	15.55	16.72	17.65
315	15.51	16.68	17.62
320	15.49	16.65	17.43
325	15.48	16.65	17.12
330	15.48	16.65	17.21
335	15.50	16.66	17.39
340	15.53	16.70	17.50
345	15.58	16.75	17.68
350	15.66	16.83	17.53
355	15.74	16.91	17.28