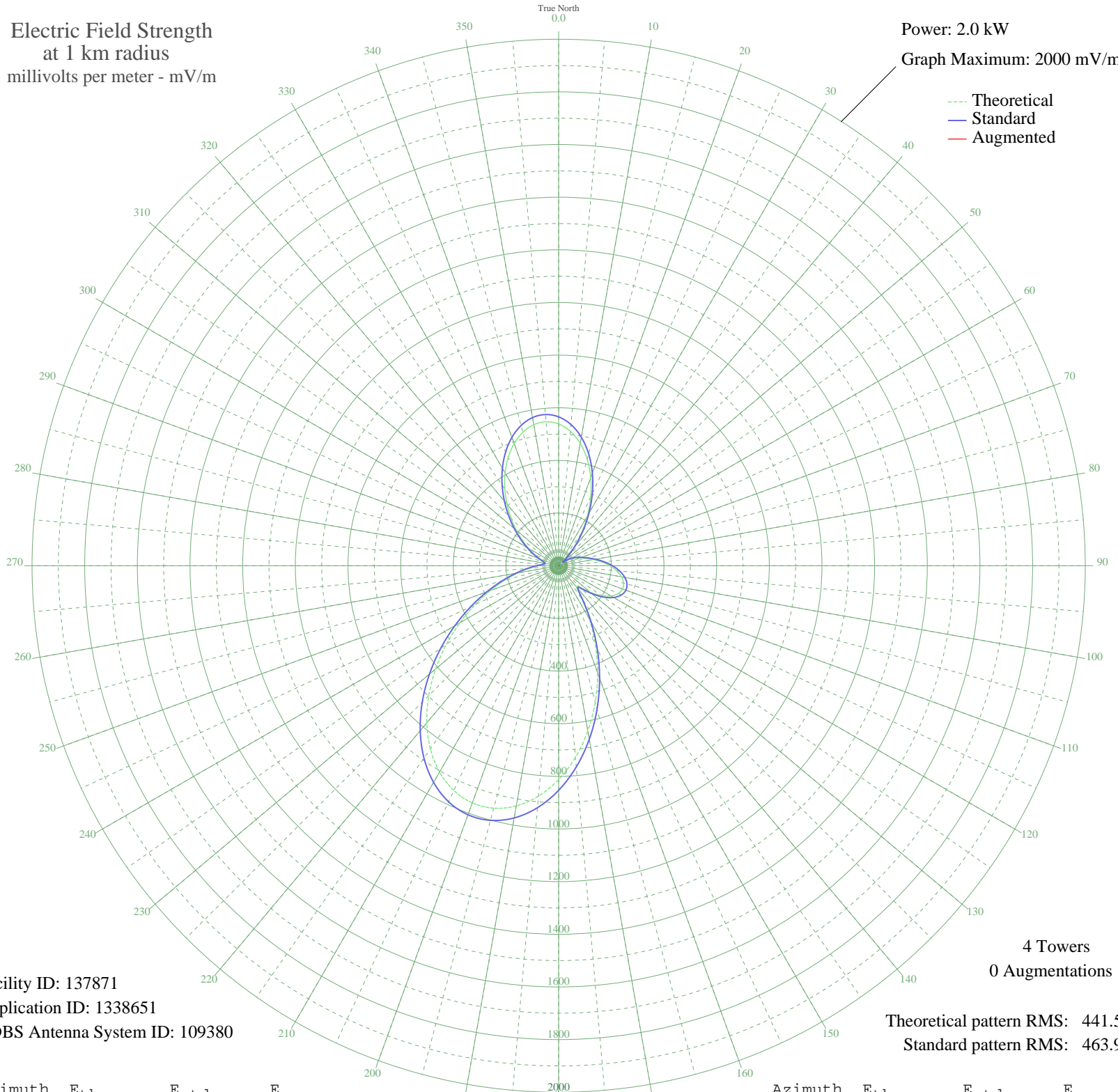


# KWWN LAS VEGAS, NV BL-20091015AEI 1100 kHz

Nighttime

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

Power: 2.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 137871  
Application ID: 1338651  
CDBS Antenna System ID: 109380

4 Towers  
0 Augmentations

Theoretical pattern RMS: 441.59  
Standard pattern RMS: 463.91

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	538.43	565.55	
5	512.49	538.32	
10	471.95	495.77	
15	418.88	440.08	
20	356.31	374.42	
25	288.05	302.81	
30	218.29	229.68	
35	151.25	159.51	
40	90.77	96.46	
45	40.17	44.71	
50	11.14	18.91	
55	33.58	38.26	
60	53.89	58.51	
65	70.01	75.00	
70	86.78	92.32	
75	108.01	114.38	
80	134.45	141.95	
85	164.18	173.03	
90	194.15	204.40	
95	221.19	232.73	
100	242.43	254.99	
105	255.45	268.64	
110	258.36	271.69	
115	249.85	262.76	
120	229.30	241.22	
125	197.19	207.58	
130	156.24	164.72	
135	116.12	122.83	
140	106.35	112.65	
145	152.88	161.21	
150	233.81	245.95	
155	329.86	346.67	
160	432.59	454.46	
165	536.67	563.70	
170	637.51	669.55	
175	730.78	767.46	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	812.38	853.13	
185	878.62	922.67	
190	926.41	972.85	
195	953.51	1001.30	
200	958.73	1006.78	
205	942.08	989.29	
210	904.77	950.13	
215	849.22	891.80	
220	778.78	817.86	
225	697.54	732.57	
230	609.92	640.59	
235	520.31	546.53	
240	432.75	454.63	
245	350.57	368.40	
250	276.29	290.49	
255	211.47	222.54	
260	156.79	165.30	
265	112.35	118.90	
270	78.16	83.40	
275	55.51	60.15	
280	48.10	52.65	
285	56.70	61.36	
290	75.59	80.74	
295	100.84	106.92	
300	131.56	138.93	
305	167.72	176.73	
310	209.19	220.15	
315	255.34	268.52	
320	304.94	320.53	
325	356.16	374.26	
330	406.62	427.21	
335	453.56	476.47	
340	494.00	518.91	
345	525.02	551.47	
350	543.99	571.38	
355	548.87	576.50	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission