

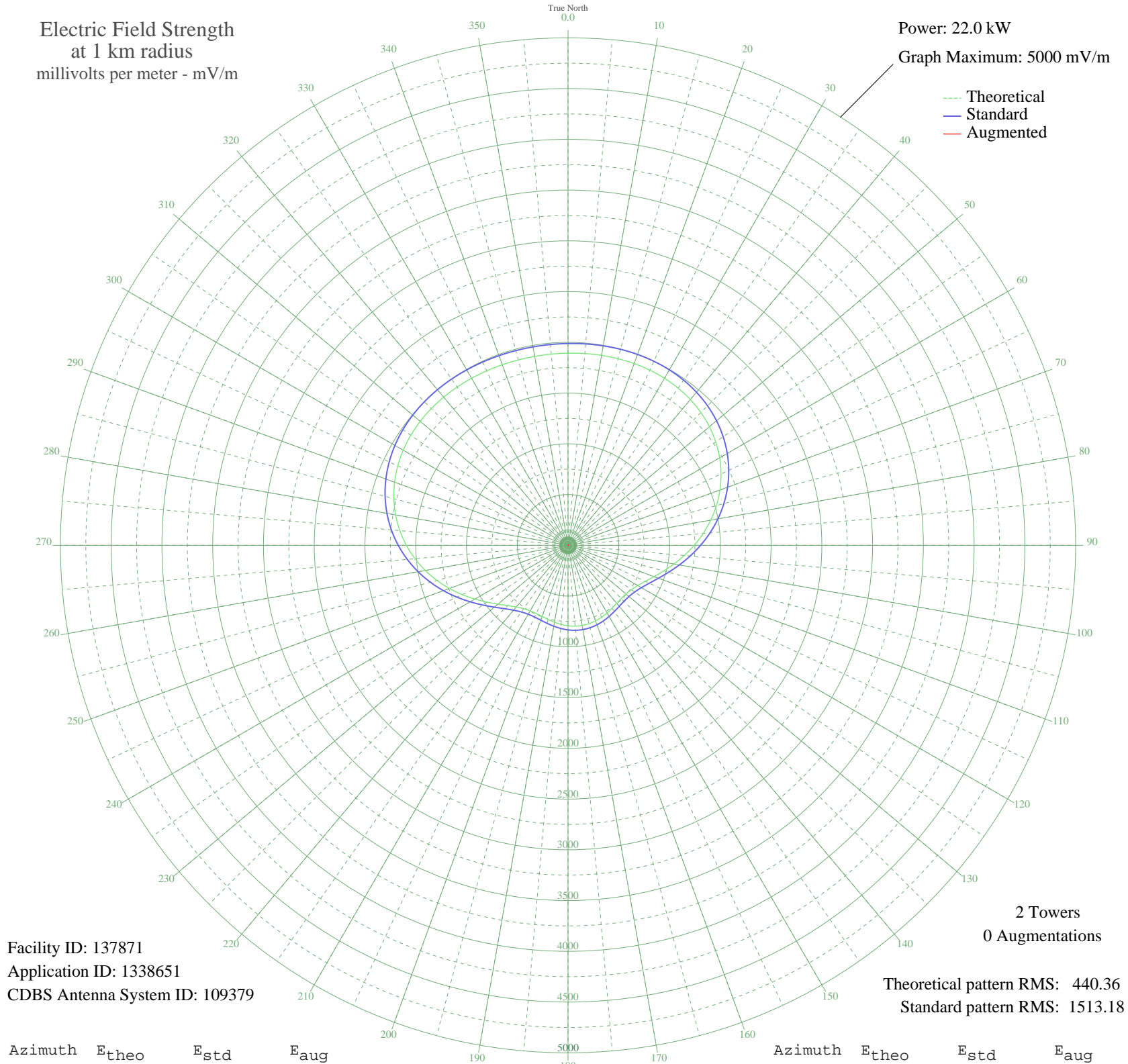
# KWWN LAS VEGAS, NV BL-20091015AEI 1100 kHz

Daytime

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

Power: 22.0 kW  
Graph Maximum: 5000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 137871  
Application ID: 1338651  
CDBS Antenna System ID: 109379

2 Towers  
0 Augmentations

Theoretical pattern RMS: 440.36  
Standard pattern RMS: 1513.18

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1892.93	1988.19	
5	1896.27	1991.70	
10	1900.07	1995.68	
15	1903.48	1999.26	
20	1905.46	2001.34	
25	1904.84	2000.69	
30	1900.32	1995.95	
35	1890.59	1985.73	
40	1874.36	1968.69	
45	1850.45	1943.59	
50	1817.87	1909.40	
55	1775.91	1865.36	
60	1724.19	1811.07	
65	1662.73	1746.56	
70	1592.01	1672.34	
75	1512.97	1589.39	
80	1427.05	1499.22	
85	1336.16	1403.83	
90	1242.65	1305.71	
95	1149.28	1207.74	
100	1059.12	1113.16	
105	975.43	1025.39	
110	901.47	947.83	
115	840.11	883.49	
120	793.41	834.53	
125	762.13	801.75	
130	745.45	784.27	
135	741.10	779.72	
140	745.89	784.74	
145	756.34	795.68	
150	769.21	809.17	
155	781.84	822.41	
160	792.23	833.30	
165	798.99	840.38	
170	801.33	842.83	
175	798.99	840.38	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	792.23	833.30	
185	781.84	822.41	
190	769.21	809.17	
195	756.34	795.68	
200	745.89	784.74	
205	741.10	779.72	
210	745.45	784.27	
215	762.13	801.75	
220	793.41	834.53	
225	840.11	883.49	
230	901.47	947.83	
235	975.43	1025.39	
240	1059.12	1113.16	
245	1149.27	1207.74	
250	1242.65	1305.71	
255	1336.16	1403.83	
260	1427.05	1499.22	
265	1512.97	1589.39	
270	1592.01	1672.34	
275	1662.73	1746.56	
280	1724.19	1811.07	
285	1775.91	1865.36	
290	1817.87	1909.40	
295	1850.45	1943.59	
300	1874.36	1968.69	
305	1890.59	1985.73	
310	1900.32	1995.95	
315	1904.84	2000.69	
320	1905.46	2001.34	
325	1903.48	1999.26	
330	1900.07	1995.68	
335	1896.27	1991.70	
340	1892.93	1988.19	
345	1890.68	1985.82	
350	1889.88	1984.98	
355	1890.68	1985.82	

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