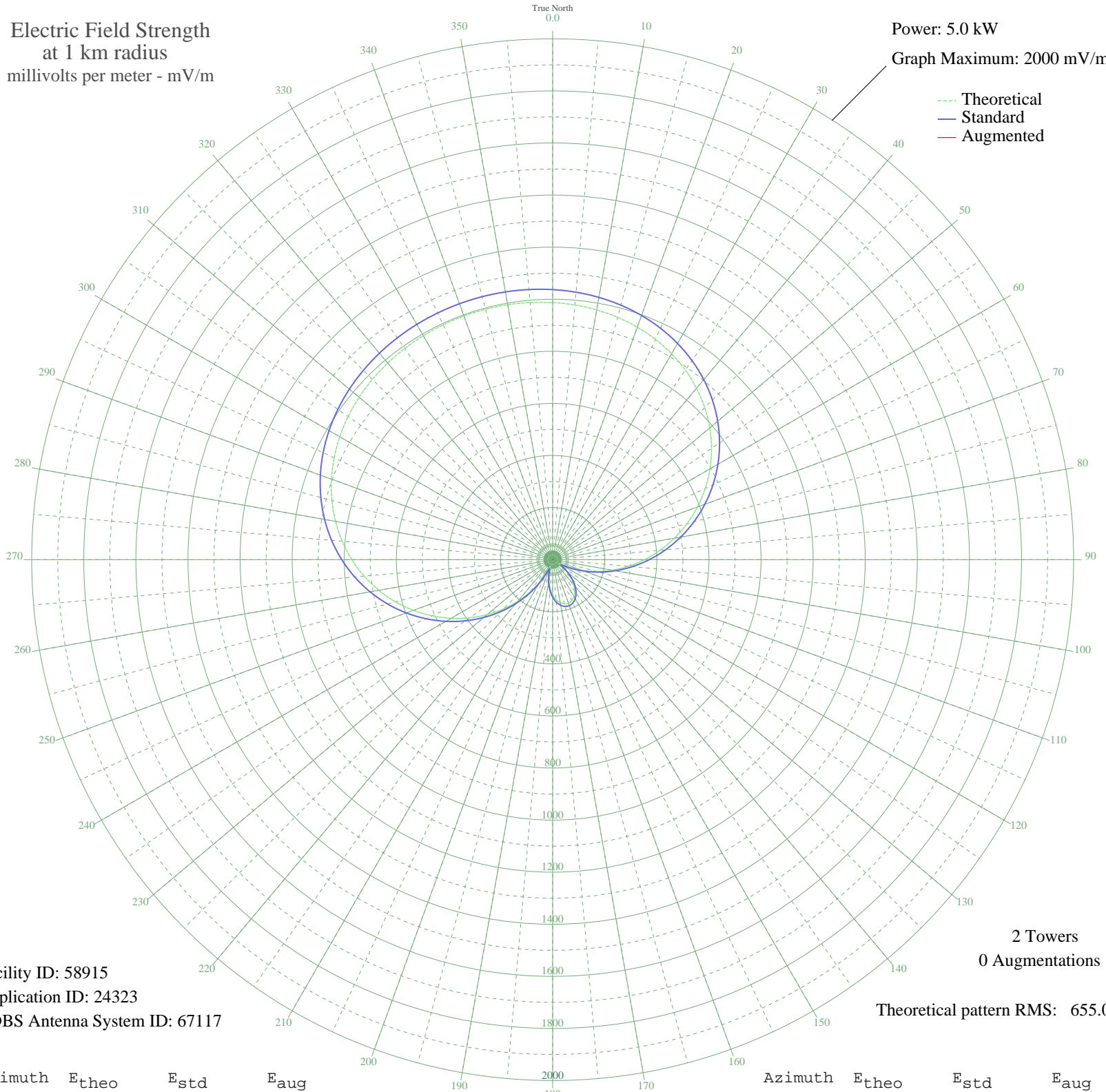


# KNMX LAS VEGAS, NM BL-19801010AF 540 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 58915  
Application ID: 24323  
CDBS Antenna System ID: 67117

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 655.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	987.32	1036.96	
5	981.54	1030.89	
10	973.67	1022.62	
15	963.29	1011.73	
20	949.98	997.76	
25	933.30	980.25	
30	912.84	958.76	
35	888.23	932.94	
40	859.21	902.48	
45	825.60	867.19	
50	787.34	827.04	
55	744.51	782.09	
60	697.35	732.59	
65	646.21	678.93	
70	591.61	621.63	
75	534.17	561.37	
80	474.61	498.90	
85	413.75	435.08	
90	352.44	370.81	
95	291.55	307.03	
100	231.98	244.71	
105	174.61	184.83	
110	120.41	128.59	
115	70.85	78.01	
120	31.74	40.77	
125	35.87	44.39	
130	68.11	75.27	
135	99.37	106.94	
140	126.07	134.44	
145	147.45	156.59	
150	163.21	172.97	
155	173.18	183.35	
160	177.30	187.64	
165	175.54	185.80	
170	167.90	177.85	
175	154.44	163.85	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	135.28	143.97	
185	110.65	118.54	
190	81.06	88.29	
195	48.24	55.83	
200	25.93	35.95	
205	53.13	60.53	
210	99.90	107.49	
215	152.49	161.82	
220	208.71	220.40	
225	267.52	281.87	
230	327.99	345.18	
235	389.23	409.37	
240	450.38	473.48	
245	510.56	536.60	
250	568.93	597.84	
255	624.75	656.41	
260	677.34	711.60	
265	726.15	762.82	
270	770.75	809.62	
275	810.85	851.72	
280	846.32	888.95	
285	877.17	921.32	
290	903.51	948.97	
295	925.59	972.15	
300	943.74	991.20	
305	958.35	1006.54	
310	969.84	1018.61	
315	978.67	1027.87	
320	985.24	1034.77	
325	989.94	1039.70	
330	993.10	1043.02	
335	994.98	1044.99	
340	995.72	1045.77	
345	995.40	1045.44	
350	994.00	1043.96	
355	991.38	1041.21	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission