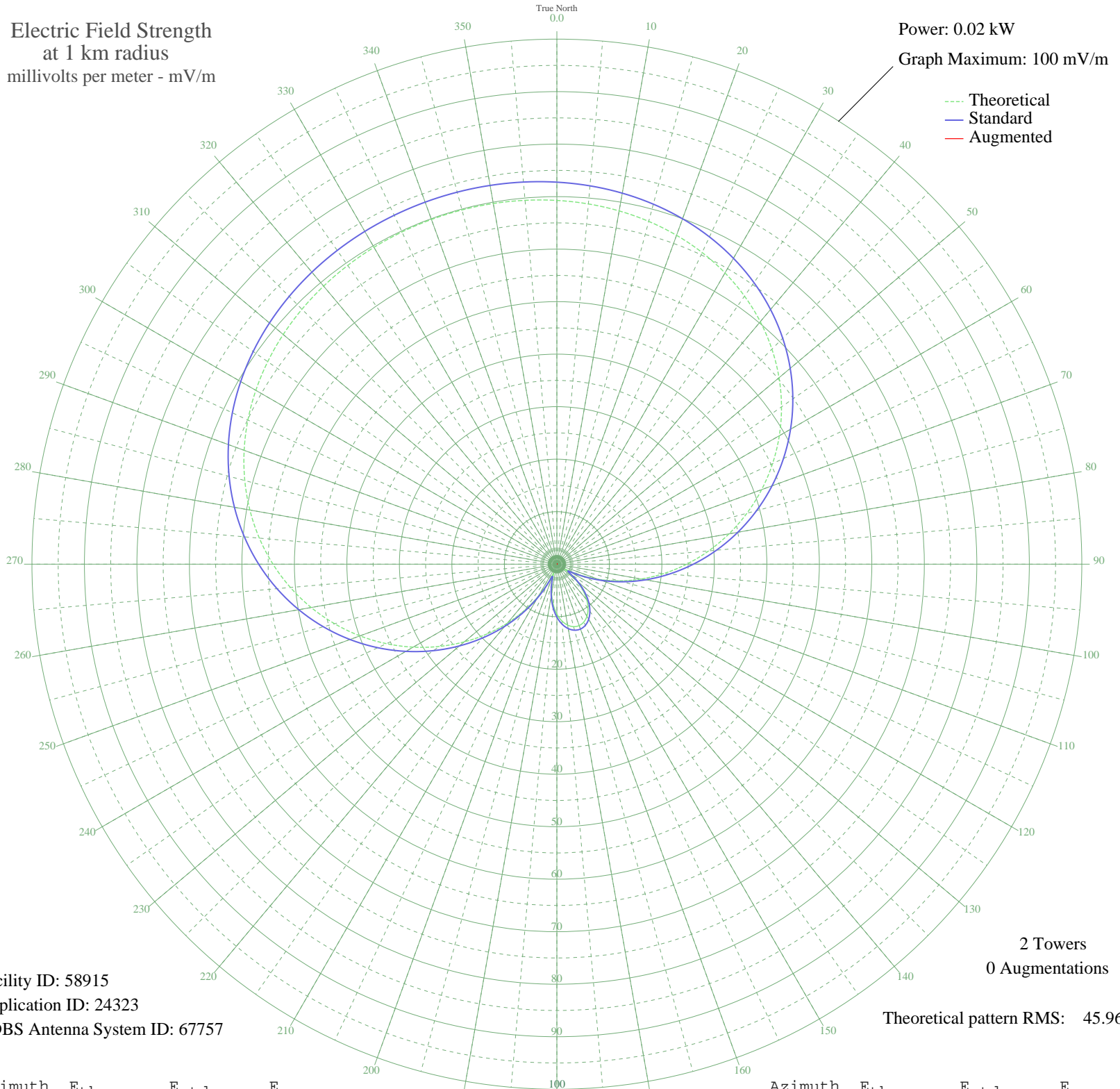


# KNMX LAS VEGAS, NM BL-19801010AF 540 kHz

Nighttime

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

Power: 0.02 kW  
Graph Maximum: 100 mV/m



Facility ID: 58915  
Application ID: 24323  
CDBS Antenna System ID: 67757

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 45.96

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	69.28	72.76	
5	68.87	72.33	
10	68.32	71.75	
15	67.59	70.99	
20	66.66	70.01	
25	65.49	68.78	
30	64.05	67.27	
35	62.33	65.46	
40	60.29	63.32	
45	57.93	60.85	
50	55.25	58.03	
55	52.24	54.87	
60	48.93	51.40	
65	45.34	47.63	
70	41.51	43.61	
75	37.48	39.38	
80	33.30	35.00	
85	29.03	30.52	
90	24.73	26.01	
95	20.46	21.53	
100	16.28	17.16	
105	12.25	12.95	
110	8.45	8.99	
115	4.97	5.43	
120	2.23	2.77	
125	2.52	3.03	
130	4.78	5.23	
135	6.97	7.47	
140	8.85	9.41	
145	10.35	10.96	
150	11.45	12.12	
155	12.15	12.85	
160	12.44	13.15	
165	12.32	13.02	
170	11.78	12.46	
175	10.84	11.48	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	9.49	10.08	
185	7.76	8.29	
190	5.69	6.15	
195	3.38	3.85	
200	1.82	2.42	
205	3.73	4.19	
210	7.01	7.51	
215	10.70	11.33	
220	14.65	15.45	
225	18.77	19.77	
230	23.01	24.21	
235	27.31	28.72	
240	31.60	33.22	
245	35.82	37.65	
250	39.92	41.94	
255	43.84	46.05	
260	47.53	49.93	
265	50.95	53.52	
270	54.08	56.81	
275	56.90	59.76	
280	59.38	62.37	
285	61.55	64.64	
290	63.40	66.58	
295	64.95	68.21	
300	66.22	69.55	
305	67.25	70.62	
310	68.05	71.47	
315	68.67	72.12	
320	69.13	72.60	
325	69.46	72.95	
330	69.68	73.18	
335	69.82	73.32	
340	69.87	73.38	
345	69.85	73.35	
350	69.75	73.25	
355	69.56	73.06	

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