

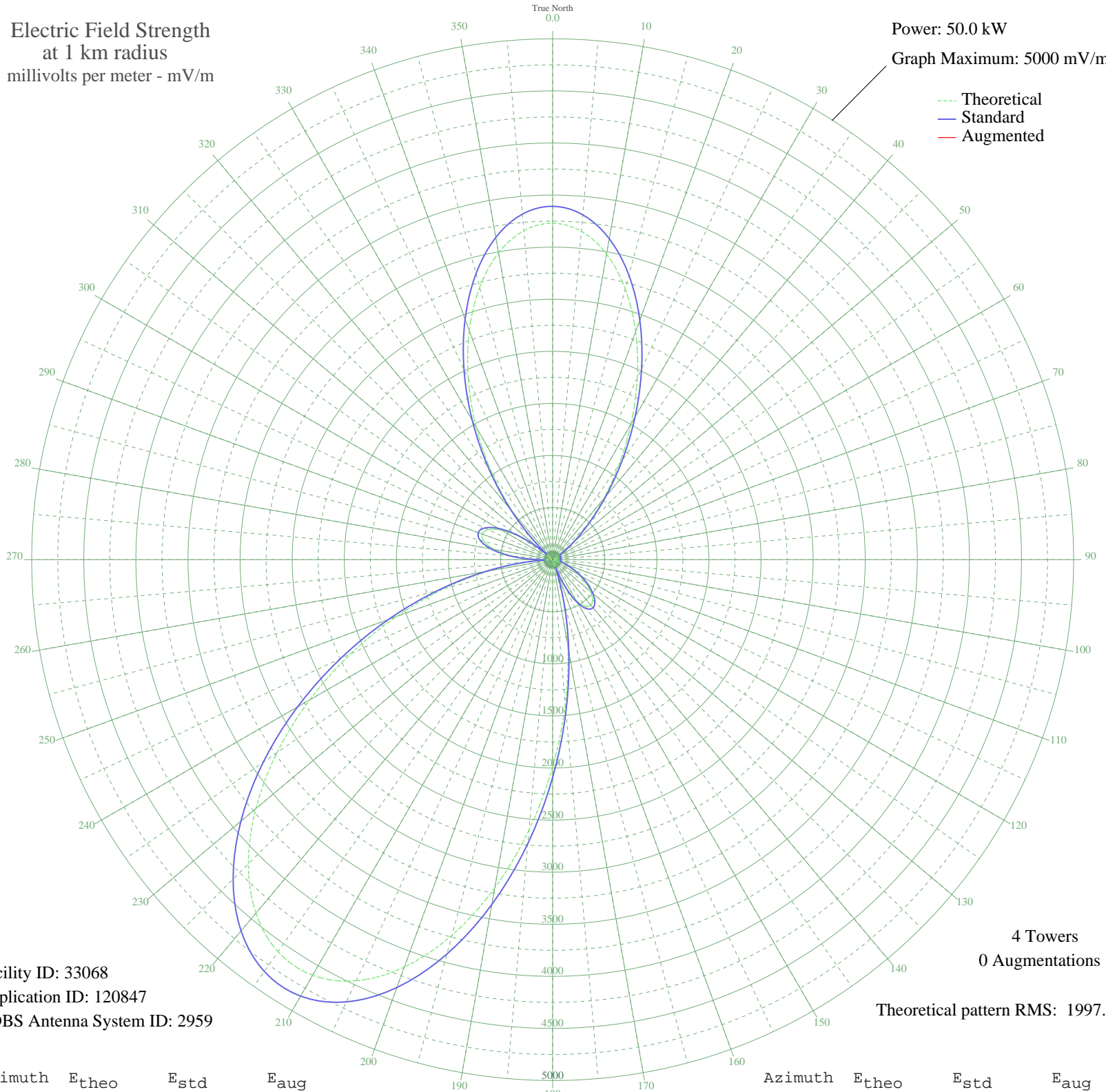
KXNT NORTH LAS VEGAS, NV BL-19881129AI 840 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 33068
Application ID: 120847
CDBS Antenna System ID: 2959

4 Towers
0 Augmentations

Theoretical pattern RMS: 1997.79

Azimuth	E _{theo}	E _{std}	E _{aug}
0	3229.92	3392.23	
5	3163.97	3323.00	
10	2978.91	3128.74	
15	2691.90	2827.47	
20	2329.04	2446.62	
25	1922.10	2019.57	
30	1504.42	1581.38	
35	1106.82	1164.53	
40	754.25	795.44	
45	463.52	492.32	
50	242.53	265.26	
55	90.85	120.88	
60	1.26	74.26	
65	38.16	84.37	
70	41.56	86.12	
75	23.54	78.25	
80	2.54	74.29	
85	25.48	78.92	
90	36.77	83.68	
95	30.63	80.91	
100	3.92	74.36	
105	44.15	87.53	
110	112.07	139.14	
115	196.19	218.97	
120	290.64	314.07	
125	387.14	413.23	
130	474.97	504.21	
135	540.91	572.79	
140	569.67	602.75	
145	544.67	576.70	
150	449.37	477.64	
155	269.25	292.29	
160	6.00	74.51	
165	379.74	405.58	
170	846.87	892.31	
175	1391.97	1463.45	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1989.55	2090.35	
185	2605.48	2736.77	
190	3199.94	3360.76	
195	3731.53	3918.81	
200	4161.95	4370.68	
205	4460.44	4684.05	
210	4607.17	4838.10	
215	4595.14	4825.47	
220	4430.24	4652.35	
225	4129.69	4336.81	
230	3719.15	3905.82	
235	3229.27	3391.54	
240	2692.14	2827.72	
245	2138.33	2246.47	
250	1594.66	1676.04	
255	1083.00	1139.57	
260	619.92	655.13	
265	217.03	239.67	
270	118.16	144.58	
275	381.26	407.15	
280	569.94	603.02	
285	683.09	721.07	
290	720.21	759.86	
295	681.19	719.10	
300	566.39	599.32	
305	377.11	402.86	
310	116.38	142.99	
315	210.09	232.75	
320	592.90	626.96	
325	1018.19	1071.67	
330	1467.14	1542.28	
335	1916.32	2013.51	
340	2338.78	2456.84	
345	2706.03	2842.30	
350	2990.86	3141.28	
355	3170.53	3329.88	

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.

28 Sep 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission