

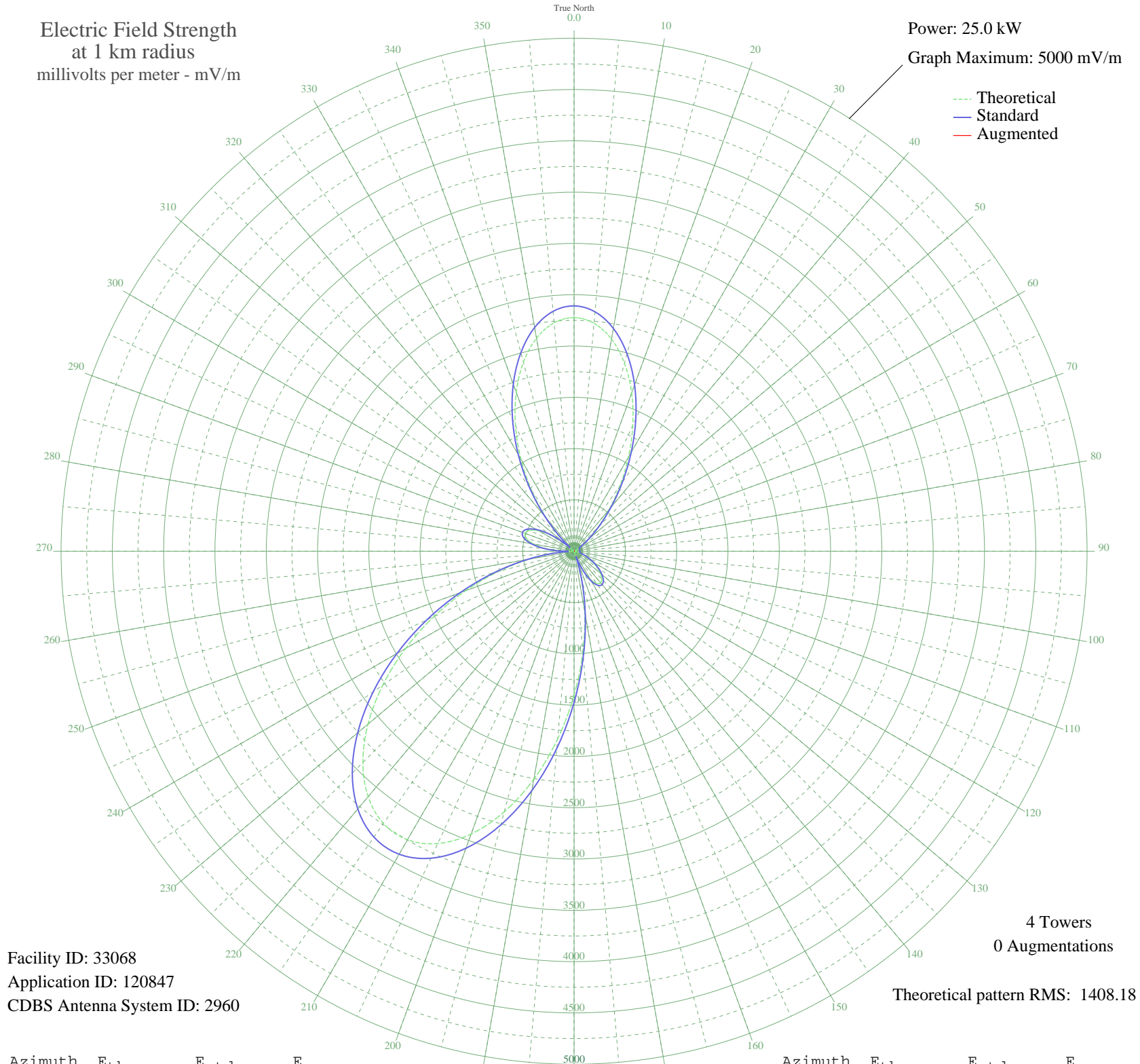
KXNT NORTH LAS VEGAS, NV BL-19881129AI 840 kHz

Nighttime

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

Power: 25.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 33068
Application ID: 120847
CDBS Antenna System ID: 2960

4 Towers
0 Augmentations

Theoretical pattern RMS: 1408.18

Azimuth	E _{theo}	E _{std}	E _{aug}
0	2276.67	2391.08	
5	2230.19	2342.28	
10	2099.74	2205.35	
15	1897.43	1993.00	
20	1641.67	1724.55	
25	1354.83	1423.54	
30	1060.42	1114.67	
35	780.16	820.85	
40	531.65	560.69	
45	326.72	347.05	
50	170.95	187.02	
55	64.04	85.31	
60	0.89	52.51	
65	26.90	59.61	
70	29.29	60.85	
75	16.59	55.32	
80	1.79	52.53	
85	17.96	55.78	
90	25.92	59.13	
95	21.59	57.19	
100	2.76	52.58	
105	31.12	61.84	
110	79.00	98.16	
115	138.29	154.41	
120	204.86	221.42	
125	272.89	291.30	
130	334.79	355.43	
135	381.27	403.76	
140	401.55	424.88	
145	383.92	406.52	
150	316.75	336.70	
155	189.78	206.07	
160	4.23	52.69	
165	267.67	285.91	
170	596.93	628.97	
175	981.15	1031.55	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1402.37	1473.43	
185	1836.52	1929.07	
190	2255.54	2368.90	
195	2630.24	2762.25	
200	2933.63	3080.76	
205	3144.03	3301.64	
210	3247.45	3410.23	
215	3238.97	3401.32	
220	3122.74	3279.30	
225	2910.89	3056.89	
230	2621.51	2753.09	
235	2276.21	2390.60	
240	1897.61	1993.18	
245	1507.24	1583.47	
250	1124.03	1181.40	
255	763.37	803.26	
260	436.96	461.80	
265	152.98	168.99	
270	83.29	102.00	
275	268.74	287.01	
280	401.73	425.07	
285	481.49	508.28	
290	507.66	535.62	
295	480.15	506.89	
300	399.23	422.46	
305	265.81	284.00	
310	82.03	100.87	
315	148.08	164.11	
320	417.92	441.95	
325	717.69	755.40	
330	1034.14	1087.11	
335	1350.76	1419.26	
340	1648.53	1731.76	
345	1907.40	2003.45	
350	2108.16	2214.19	
355	2234.81	2347.14	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission