

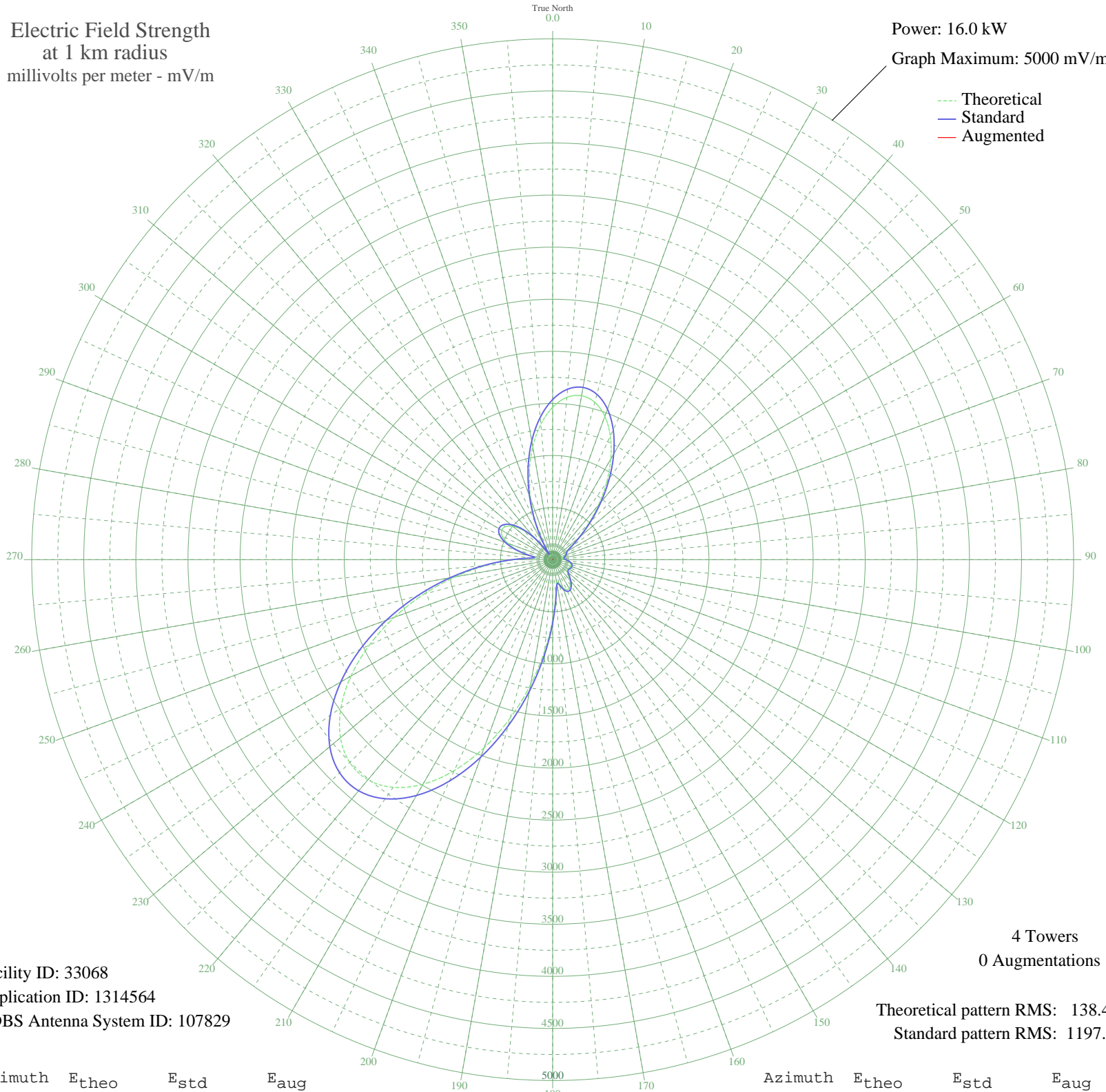
KXNT NORTH LAS VEGAS, NV BP-20080228ABD 840 kHz

Nighttime

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

Power: 16.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 33068
Application ID: 1314564
CDBS Antenna System ID: 107829

4 Towers
0 Augmentations

Theoretical pattern RMS: 138.43
Standard pattern RMS: 1197.66

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1463.30	1537.03	
5	1563.98	1642.71	
10	1598.31	1678.75	
15	1563.74	1642.46	
20	1464.12	1537.90	
25	1309.58	1375.70	
30	1115.42	1171.94	
35	900.28	946.23	
40	683.99	719.42	
45	485.49	511.50	
50	321.64	340.32	
55	207.02	221.40	
60	149.72	162.72	
65	133.16	145.99	
70	124.62	137.43	
75	110.18	123.08	
80	95.84	109.04	
85	96.36	109.55	
90	115.93	128.77	
95	142.90	155.81	
100	166.19	179.48	
105	180.12	193.73	
110	183.13	196.82	
115	177.22	190.76	
120	168.46	181.80	
125	166.97	180.28	
130	182.34	196.01	
135	215.05	229.68	
140	256.28	272.35	
145	294.28	311.84	
150	317.75	336.27	
155	316.99	335.48	
160	286.50	303.74	
165	235.38	250.69	
170	223.73	238.64	
175	345.03	364.71	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	578.03	608.39	
185	877.80	922.64	
190	1217.56	1279.13	
195	1573.48	1652.68	
200	1920.56	2017.02	
205	2233.53	2345.58	
210	2489.06	2613.85	
215	2668.16	2801.88	
220	2758.22	2896.44	
225	2754.15	2892.16	
230	2658.55	2791.79	
235	2480.84	2605.22	
240	2235.74	2347.90	
245	1941.21	2038.70	
250	1616.45	1697.79	
255	1280.15	1344.81	
260	949.33	997.68	
265	639.27	672.55	
270	366.66	387.28	
275	176.35	189.87	
280	208.36	222.78	
285	343.60	363.22	
290	457.92	482.64	
295	532.94	561.16	
300	564.92	594.66	
305	552.91	582.07	
310	497.00	523.54	
315	398.15	420.16	
320	258.67	274.83	
325	86.04	99.63	
330	137.45	150.31	
335	369.15	389.88	
340	616.99	649.20	
345	865.83	910.09	
350	1100.34	1156.12	
355	1304.55	1370.42	

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