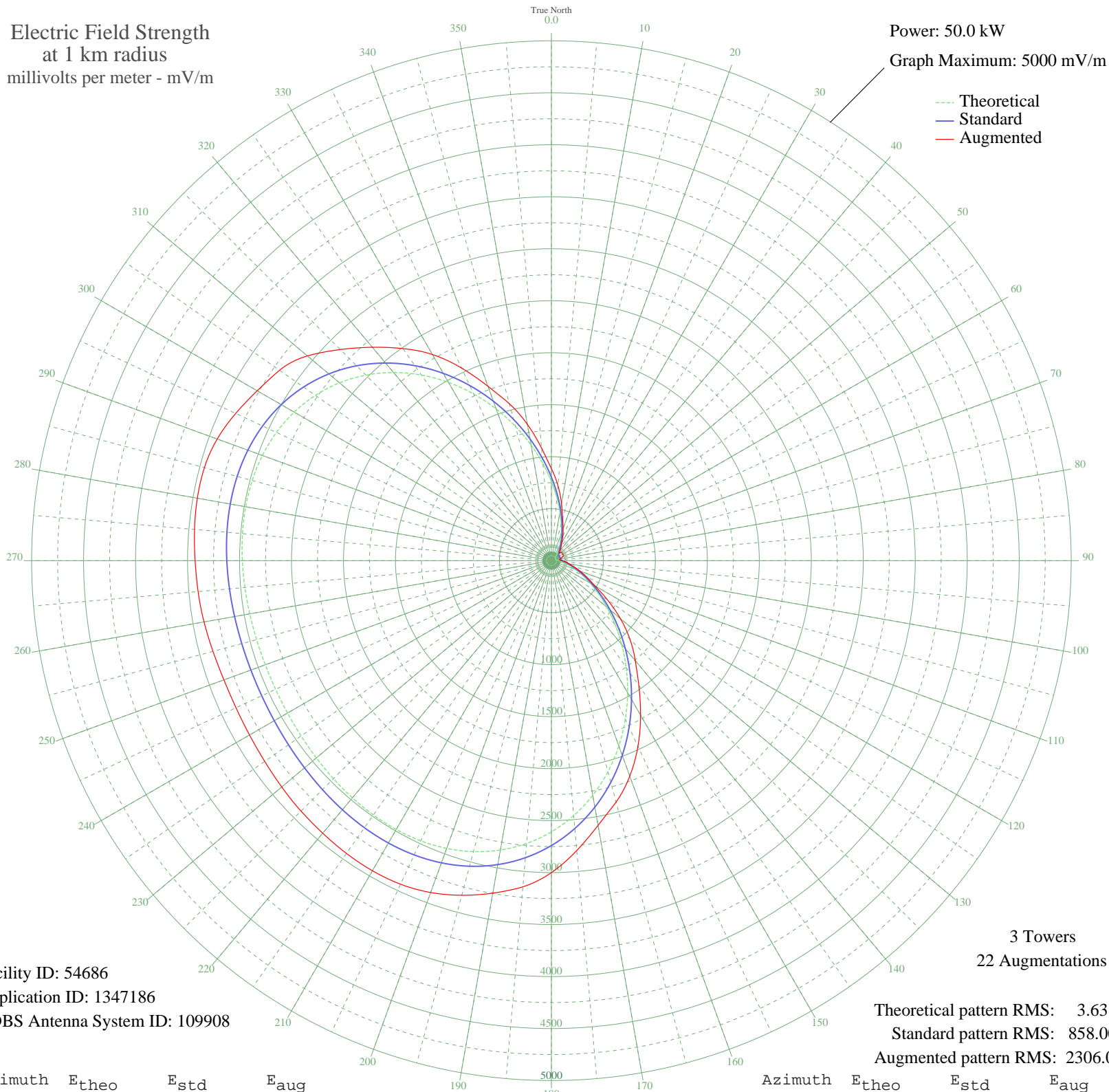


KDWN LAS VEGAS, NV BL-20091120AGY 720 kHz

Nighttime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 54686
Application ID: 1347186
CDBS Antenna System ID: 109908

Theoretical pattern RMS: 3.63
Standard pattern RMS: 858.00
Augmented pattern RMS: 2306.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	761.91	803.45	885.14
5	607.42	642.10	724.33
10	475.54	504.81	558.90
15	366.28	391.69	417.01
20	278.19	301.39	330.48
25	208.77	231.44	259.47
30	154.93	178.82	202.10
35	113.66	140.55	161.68
40	82.70	114.25	130.83
45	61.03	98.07	108.16
50	48.56	90.07	125.54
55	44.17	87.54	125.81
60	44.25	87.59	125.18
65	44.97	87.99	125.00
70	44.61	87.79	119.51
75	43.92	87.40	101.16
80	45.99	88.57	81.48
85	54.94	94.03	79.76
90	72.93	106.66	93.14
95	100.12	128.70	141.81
100	137.06	161.94	171.57
105	185.54	208.49	224.03
110	248.35	271.13	294.54
115	328.62	352.95	377.41
120	429.17	456.71	483.76
125	551.92	584.25	660.56
130	697.46	736.09	866.16
135	864.88	911.16	1067.94
140	1051.68	1106.76	1255.29
145	1253.86	1318.65	1466.38
150	1466.20	1541.30	1715.61
155	1682.56	1768.25	1969.92
160	1896.41	1992.62	2204.94
165	2101.29	2207.60	2403.89
170	2291.30	2407.01	2585.18
175	2461.57	2585.72	2798.69

Azimuth	E _{theo}	E _{std}	E _{aug}
180	2608.54	2739.97	3000.58
185	2730.16	2867.63	3149.15
190	2825.92	2968.14	3246.90
195	2896.74	3042.48	3331.70
200	2944.77	3092.90	3396.49
205	2973.07	3122.61	3433.49
210	2985.33	3135.48	3443.58
215	2985.51	3135.66	3437.18
220	2977.55	3127.31	3422.05
225	2965.16	3114.30	3406.11
230	2951.60	3100.07	3386.21
235	2939.55	3087.42	3366.51
240	2931.01	3078.46	3353.22
245	2927.29	3074.55	3347.72
250	2928.90	3076.24	3352.54
255	2935.62	3083.30	3370.21
260	2946.47	3094.68	3392.96
265	2959.71	3108.59	3411.58
270	2972.93	3122.46	3427.45
275	2983.09	3133.12	3446.05
280	2986.63	3136.84	3458.61
285	2979.68	3129.55	3455.84
290	2958.26	3107.06	3421.03
295	2918.53	3065.36	3350.85
300	2857.14	3000.92	3268.11
305	2771.54	2911.07	3193.01
310	2660.29	2794.29	3064.05
315	2523.30	2650.51	2871.88
320	2362.01	2481.22	2679.29
325	2179.38	2289.55	2490.04
330	1979.79	2080.10	2289.63
335	1768.77	1858.69	2044.09
340	1552.62	1631.94	1784.69
345	1337.91	1406.76	1562.81
350	1130.98	1189.84	1331.95
355	937.47	987.14	1087.26

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