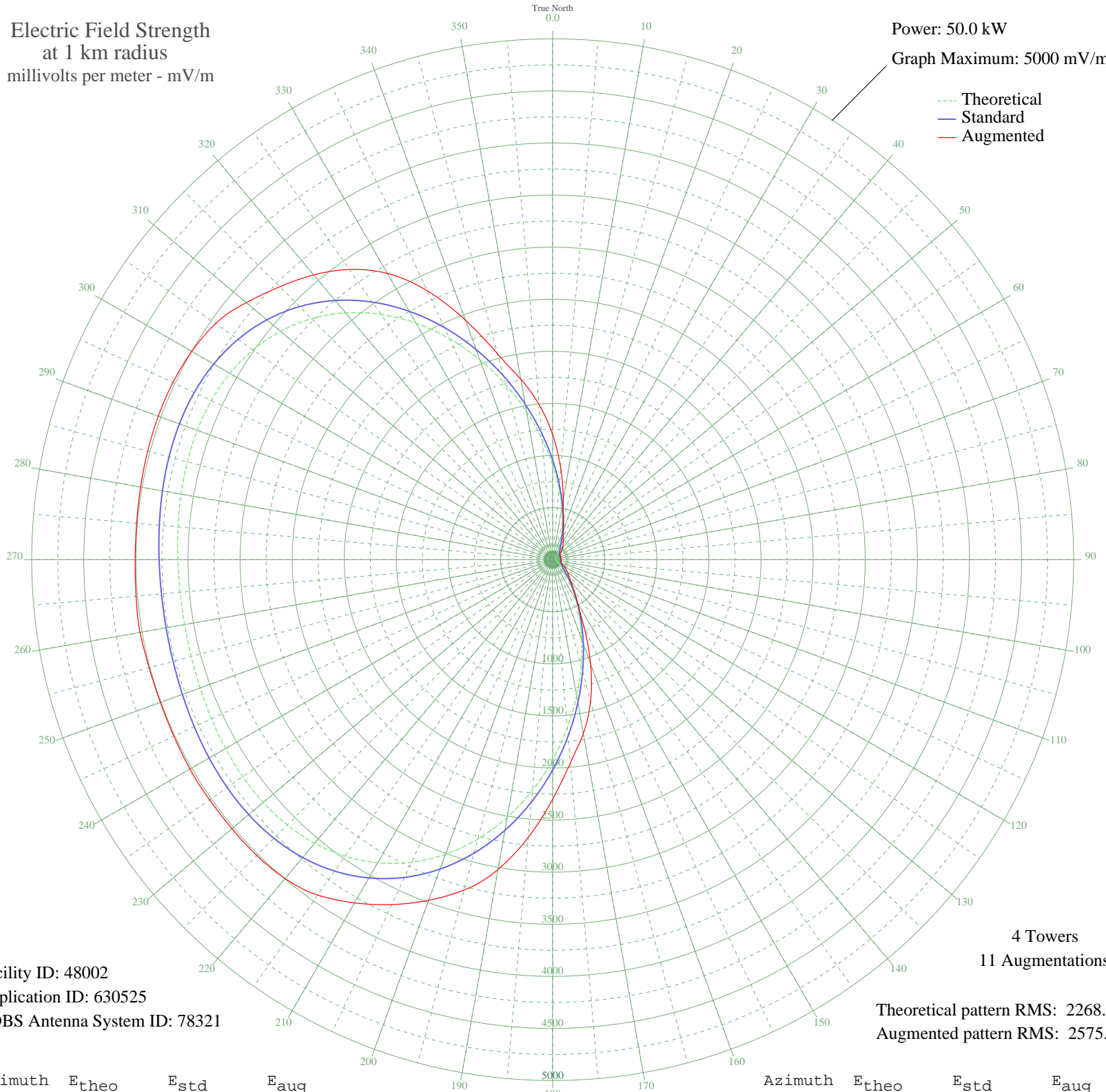


# KRVN LEXINGTON, NE BL-20030131AKK 880 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 48002  
Application ID: 630525  
CDBS Antenna System ID: 78321

4 Towers  
11 Augmentations

Theoretical pattern RMS: 2268.60  
Augmented pattern RMS: 2575.60

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	907.87	956.15	1199.80
5	689.14	727.39	884.34
10	507.97	538.51	585.81
15	364.65	390.01	404.29
20	256.64	279.51	306.53
25	179.28	202.36	243.46
30	126.64	152.29	203.04
35	92.31	122.09	173.11
40	70.35	104.73	145.89
45	56.00	94.71	119.26
50	46.09	88.62	96.31
55	38.82	84.70	84.70
60	33.40	82.11	82.11
65	29.59	80.49	80.49
70	27.28	79.58	79.58
75	26.16	79.16	79.16
80	25.80	79.03	79.03
85	25.95	79.09	79.09
90	26.71	79.37	79.37
95	28.50	80.05	80.05
100	31.69	81.36	81.36
105	36.45	83.53	83.53
110	42.92	86.86	87.23
115	51.63	91.93	103.31
120	63.91	100.08	129.13
125	82.34	113.96	157.07
130	111.06	138.24	185.71
135	155.62	179.47	220.31
140	222.33	244.97	272.36
145	317.43	341.47	355.43
150	446.18	474.34	479.28
155	612.08	646.95	713.35
160	816.02	860.03	1064.95
165	1055.82	1111.09	1406.06
170	1325.98	1394.26	1695.11
175	1617.97	1700.49	1957.42

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1920.97	2018.38	2300.33
185	2222.91	2335.24	2674.68
190	2511.78	2638.41	3019.92
195	2776.81	2916.60	3283.72
200	3009.56	3160.91	3480.07
205	3204.49	3365.54	3653.20
210	3359.30	3528.05	3804.50
215	3474.68	3649.17	3931.33
220	3553.90	3732.34	3995.75
225	3602.11	3782.95	4016.17
230	3625.60	3807.60	4018.10
235	3631.06	3813.34	4018.94
240	3625.02	3806.99	4019.28
245	3613.33	3794.73	4010.91
250	3600.87	3781.65	4006.57
255	3591.30	3771.60	4010.06
260	3586.97	3767.05	4021.09
265	3588.85	3769.03	4013.76
270	3596.54	3777.09	4006.85
275	3608.21	3789.35	4008.24
280	3620.73	3802.49	4015.56
285	3629.68	3811.88	4023.71
290	3629.57	3811.77	4027.72
295	3614.10	3795.53	4021.94
300	3576.57	3756.14	3999.35
305	3510.45	3686.72	3950.59
310	3410.05	3581.32	3838.21
315	3271.26	3435.62	3705.38
320	3092.27	3247.73	3568.36
325	2874.16	3018.78	3400.44
330	2621.18	2753.24	3173.51
335	2340.67	2458.82	2848.85
340	2042.56	2145.97	2446.44
345	1738.51	1826.94	2047.66
350	1440.72	1514.58	1758.56
355	1160.65	1220.95	1494.06

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission