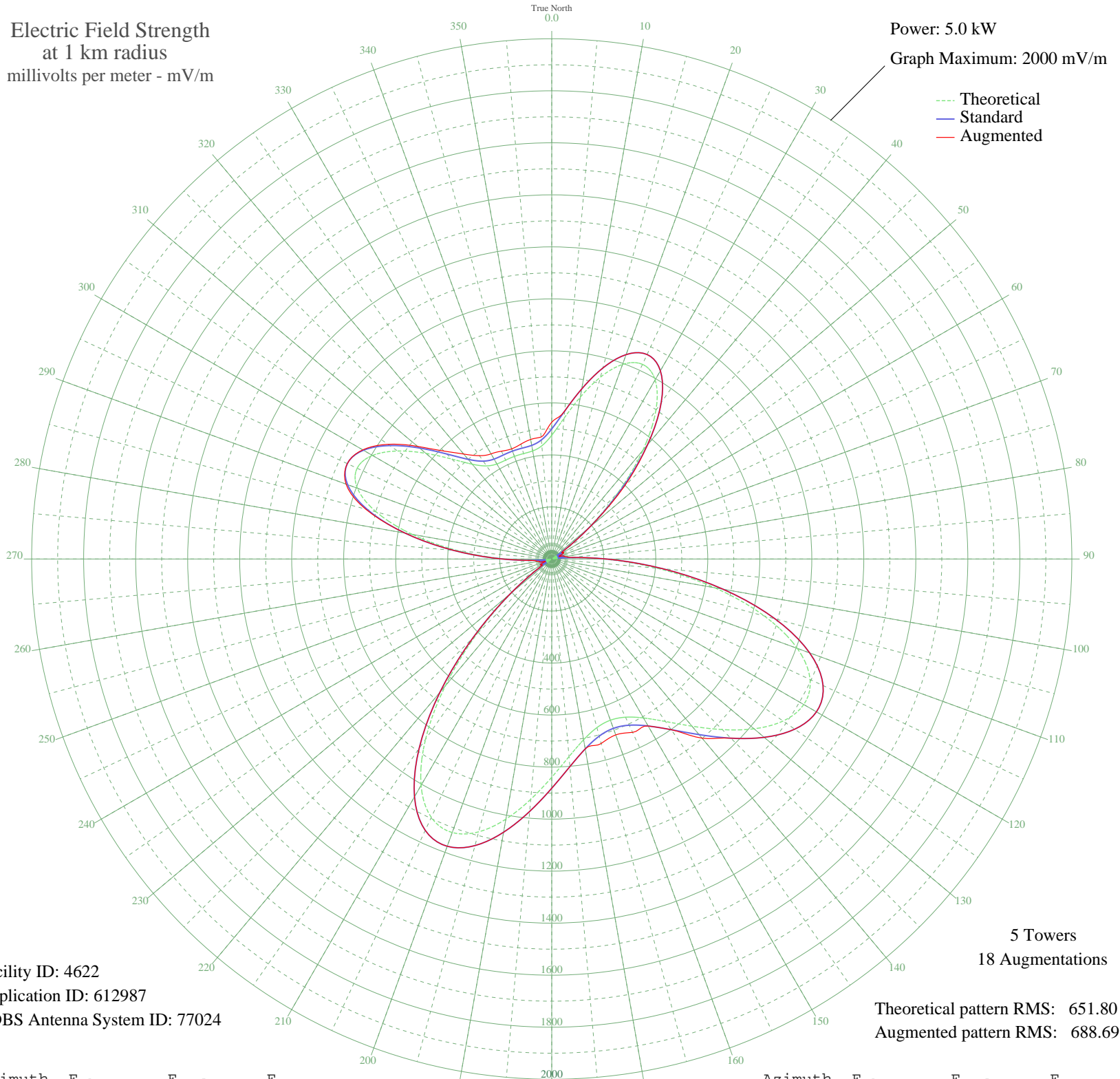


# WSDZ BELLEVILLE, IL BL-20020909ABQ 1260 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 4622  
Application ID: 612987  
CDBS Antenna System ID: 77024

Theoretical pattern RMS: 651.80  
Augmented pattern RMS: 688.69

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	475.72	500.05	525.90
5	543.25	570.89	570.89
10	631.87	663.88	663.88
15	723.79	760.34	760.34
20	796.09	836.22	836.22
25	825.80	867.40	867.40
30	795.39	835.49	835.49
35	698.58	733.88	733.88
40	544.78	572.51	572.77
45	359.65	378.36	394.04
50	179.77	190.21	190.36
55	41.83	49.80	61.02
60	30.53	39.73	50.85
65	36.57	45.00	45.00
70	4.08	23.87	28.97
75	36.85	45.26	45.26
80	31.37	40.45	52.22
85	45.41	53.15	69.94
90	198.28	209.51	209.51
95	407.42	428.44	428.44
100	636.68	668.93	668.93
105	846.37	888.99	888.99
110	1004.97	1055.48	1055.48
115	1096.04	1151.08	1151.08
120	1119.11	1175.30	1175.30
125	1086.07	1140.62	1140.62
130	1015.57	1066.61	1066.61
135	927.49	974.15	974.15
140	839.04	881.30	899.01
145	762.66	801.14	801.14
150	705.65	741.30	741.30
155	671.07	705.01	735.39
160	659.55	692.92	719.59
165	671.06	705.01	734.30
170	705.65	741.30	741.30
175	762.66	801.14	801.14

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	839.04	881.30	881.30
185	927.49	974.15	974.15
190	1015.57	1066.61	1066.61
195	1086.07	1140.62	1140.62
200	1119.11	1175.30	1175.30
205	1096.04	1151.08	1151.08
210	1004.97	1055.48	1055.48
215	846.37	889.00	889.00
220	636.68	668.93	668.93
225	407.43	428.44	428.44
230	198.28	209.51	209.51
235	45.41	53.15	60.28
240	31.37	40.45	45.43
245	36.85	45.26	45.26
250	4.08	23.87	25.75
255	36.56	45.00	45.00
260	30.53	39.73	51.70
265	41.82	49.80	67.47
270	179.77	190.21	190.21
275	359.65	378.36	378.36
280	544.78	572.50	572.50
285	698.58	733.88	740.92
290	795.39	835.49	841.67
295	825.80	867.40	867.40
300	796.09	836.22	839.15
305	723.79	760.34	768.75
310	631.87	663.88	673.49
315	543.25	570.89	586.92
320	475.72	500.05	526.64
325	436.81	459.25	484.87
330	421.85	443.56	466.71
335	419.43	441.03	457.32
340	419.82	441.43	450.62
345	419.43	441.03	457.32
350	421.85	443.56	466.71
355	436.81	459.25	470.58