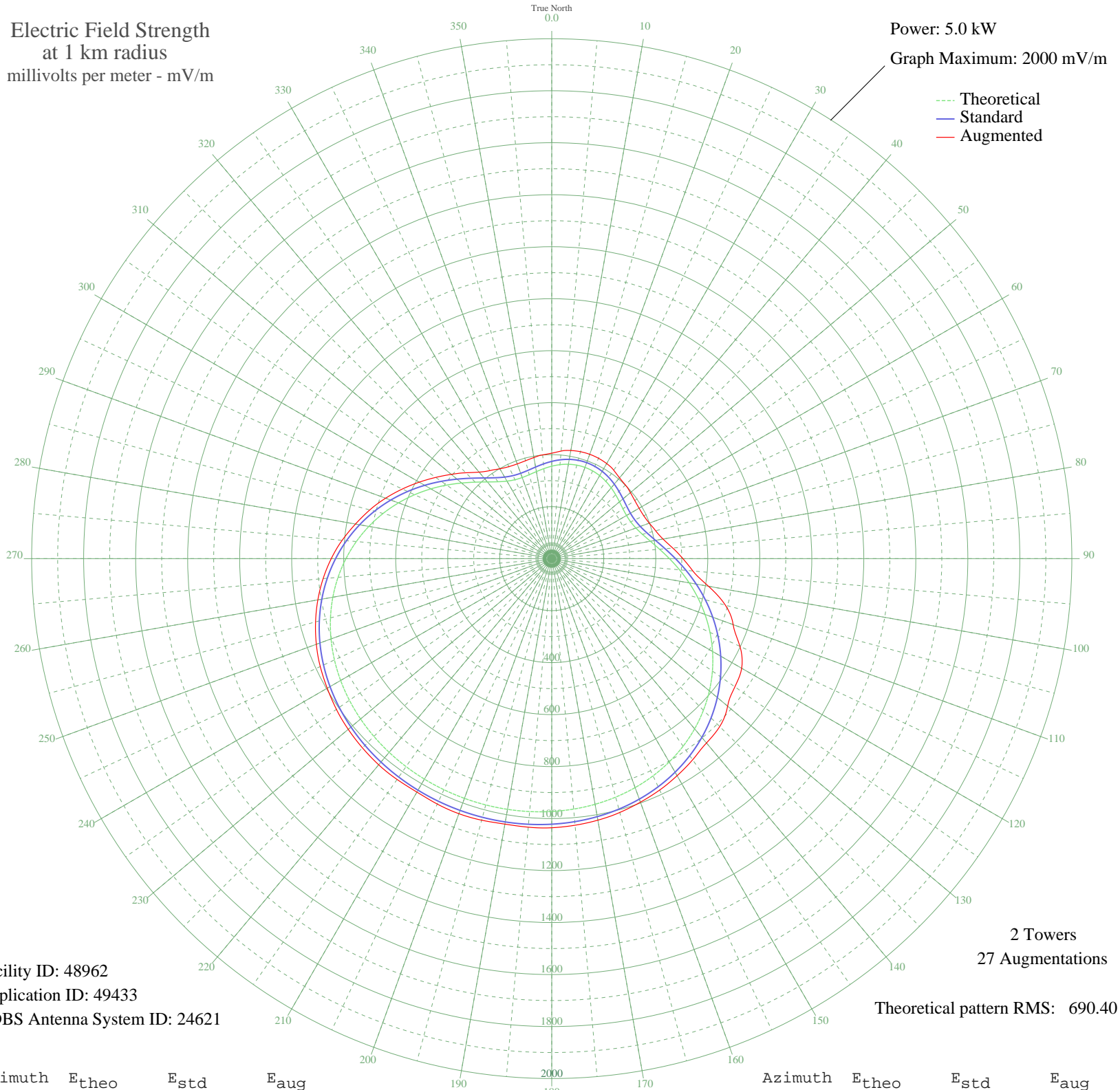


# KHOW DENVER, CO BL-19821123AE 630 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 48962  
Application ID: 49433  
CDBS Antenna System ID: 24621

2 Towers  
27 Augmentations

Theoretical pattern RMS: 690.40

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	355.58	374.10	405.65
5	362.87	381.74	415.37
10	368.63	387.77	422.34
15	372.29	391.61	425.90
20	373.55	392.93	427.12
25	372.29	391.61	425.90
30	368.63	387.77	422.34
35	362.87	381.74	415.37
40	355.58	374.10	405.65
45	347.59	365.72	400.63
50	340.01	357.79	394.98
55	334.29	351.79	389.82
60	332.04	349.43	387.85
65	334.93	352.46	390.45
70	344.34	362.32	399.14
75	361.08	379.86	413.64
80	385.20	405.14	434.48
85	416.05	437.48	467.15
90	452.52	475.72	504.33
95	493.24	518.43	544.76
100	536.78	564.11	612.03
105	581.81	611.35	691.26
110	627.06	658.83	742.37
115	671.47	705.44	798.50
120	714.12	750.19	843.38
125	754.25	792.31	859.72
130	791.31	831.21	882.88
135	824.89	866.45	913.57
140	854.76	897.81	925.69
145	880.84	925.18	944.65
150	903.18	948.63	964.15
155	921.94	968.32	982.14
160	937.38	984.53	996.96
165	949.82	997.59	1010.87
170	959.61	1007.87	1021.61
175	967.12	1015.75	1029.46

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	972.71	1021.61	1035.29
185	976.68	1025.79	1037.01
190	979.32	1028.55	1037.05
195	980.82	1030.13	1041.68
200	981.30	1030.63	1044.15
205	980.82	1030.13	1041.68
210	979.32	1028.55	1037.05
215	976.68	1025.79	1037.01
220	972.71	1021.61	1035.29
225	967.12	1015.75	1029.46
230	959.61	1007.87	1021.61
235	949.82	997.59	1010.87
240	937.38	984.53	996.96
245	921.94	968.32	982.14
250	903.18	948.63	963.35
255	880.84	925.18	940.24
260	854.76	897.81	913.30
265	824.89	866.45	882.49
270	791.31	831.21	847.89
275	754.25	792.31	809.06
280	714.12	750.19	766.47
285	671.47	705.44	724.27
290	627.06	658.83	679.84
295	581.81	611.35	633.85
300	536.78	564.11	588.38
305	493.24	518.43	544.76
310	452.52	475.72	504.33
315	416.05	437.48	467.15
320	385.20	405.14	434.48
325	361.08	379.86	413.64
330	344.34	362.32	399.14
335	334.93	352.46	390.45
340	332.04	349.43	387.85
345	334.29	351.79	389.82
350	340.01	357.79	394.98
355	347.59	365.72	400.63

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission