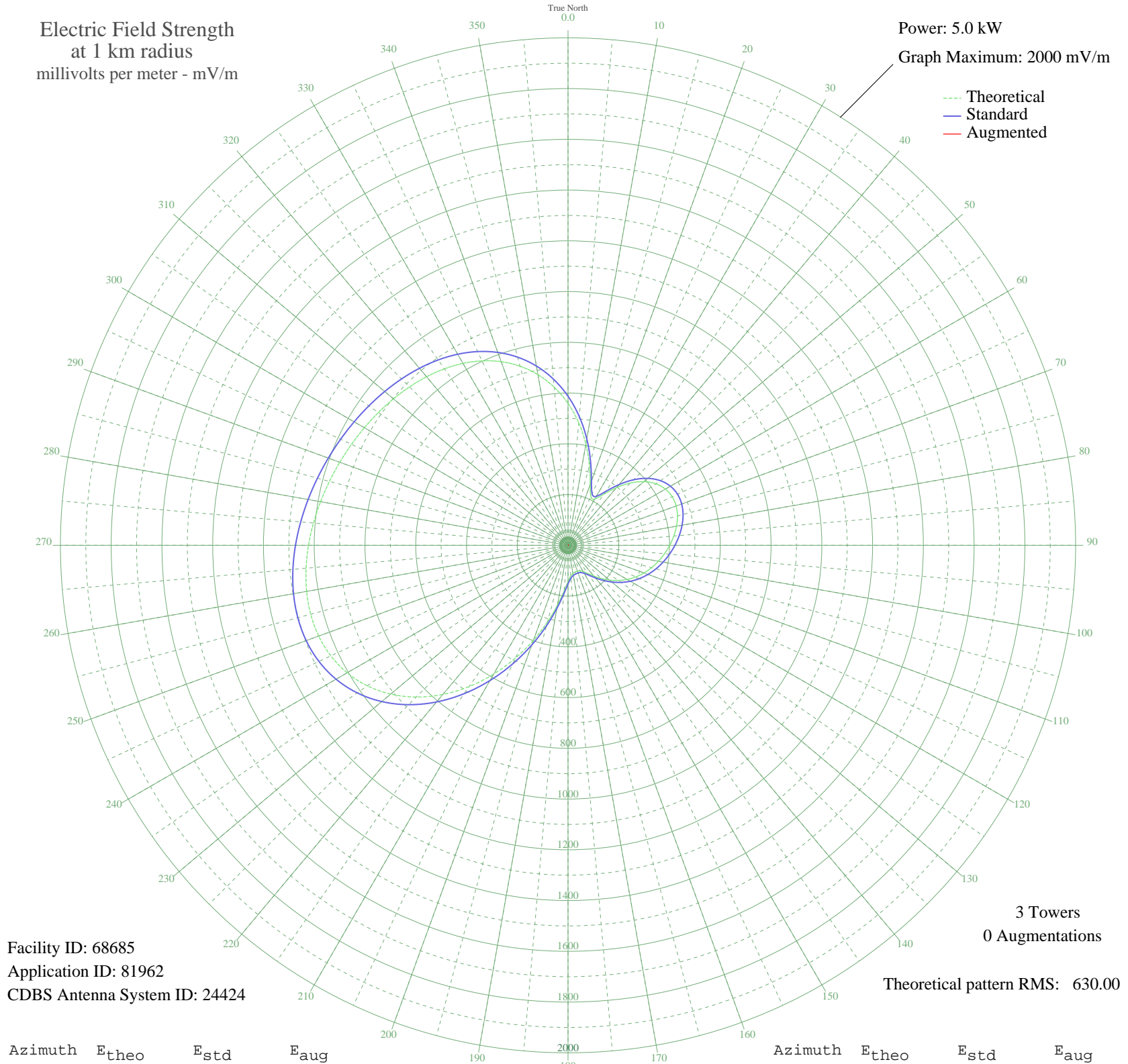


KCOL WELLINGTON, CO BL-19850919AC 600 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 68685
Application ID: 81962
CDBS Antenna System ID: 24424

3 Towers
0 Augmentations

Theoretical pattern RMS: 630.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	559.07	587.49	
5	484.54	509.31	
10	404.88	425.77	
15	325.42	342.50	
20	255.80	269.61	
25	212.24	224.09	
30	210.80	222.58	
35	245.94	259.30	
40	296.54	312.25	
45	347.18	365.29	
50	390.23	410.41	
55	422.48	444.22	
60	443.14	465.88	
65	452.88	476.10	
70	453.26	476.50	
75	446.29	469.19	
80	434.02	456.33	
85	418.31	439.85	
90	400.54	421.22	
95	381.55	401.31	
100	361.66	380.47	
105	340.77	358.58	
110	318.56	335.31	
115	294.68	310.31	
120	268.95	283.37	
125	241.50	254.66	
130	212.95	224.82	
135	184.45	195.09	
140	157.79	167.34	
145	135.30	143.99	
150	119.25	127.39	
155	110.59	118.46	
160	107.99	115.80	
165	108.96	116.80	
170	112.59	120.53	
175	121.83	130.06	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	143.07	152.05	
185	181.83	192.36	
190	239.12	252.17	
195	312.38	328.84	
200	397.61	418.15	
205	490.29	515.34	
210	585.75	615.49	
215	679.44	713.80	
220	767.21	805.92	
225	845.64	888.23	
230	912.19	958.09	
235	965.40	1013.94	
240	1004.84	1055.35	
245	1031.06	1082.87	
250	1045.35	1097.86	
255	1049.53	1102.26	
260	1045.72	1098.26	
265	1036.05	1088.10	
270	1022.48	1073.86	
275	1006.70	1057.30	
280	989.98	1039.75	
285	973.23	1022.16	
290	956.96	1005.08	
295	941.40	988.75	
300	926.52	973.13	
305	912.11	958.00	
310	897.79	942.97	
315	883.01	927.46	
320	867.07	910.73	
325	849.04	891.80	
330	827.79	869.49	
335	801.97	842.39	
340	770.13	808.98	
345	730.84	767.74	
350	682.89	717.42	
355	625.60	657.30	

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.

26 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission