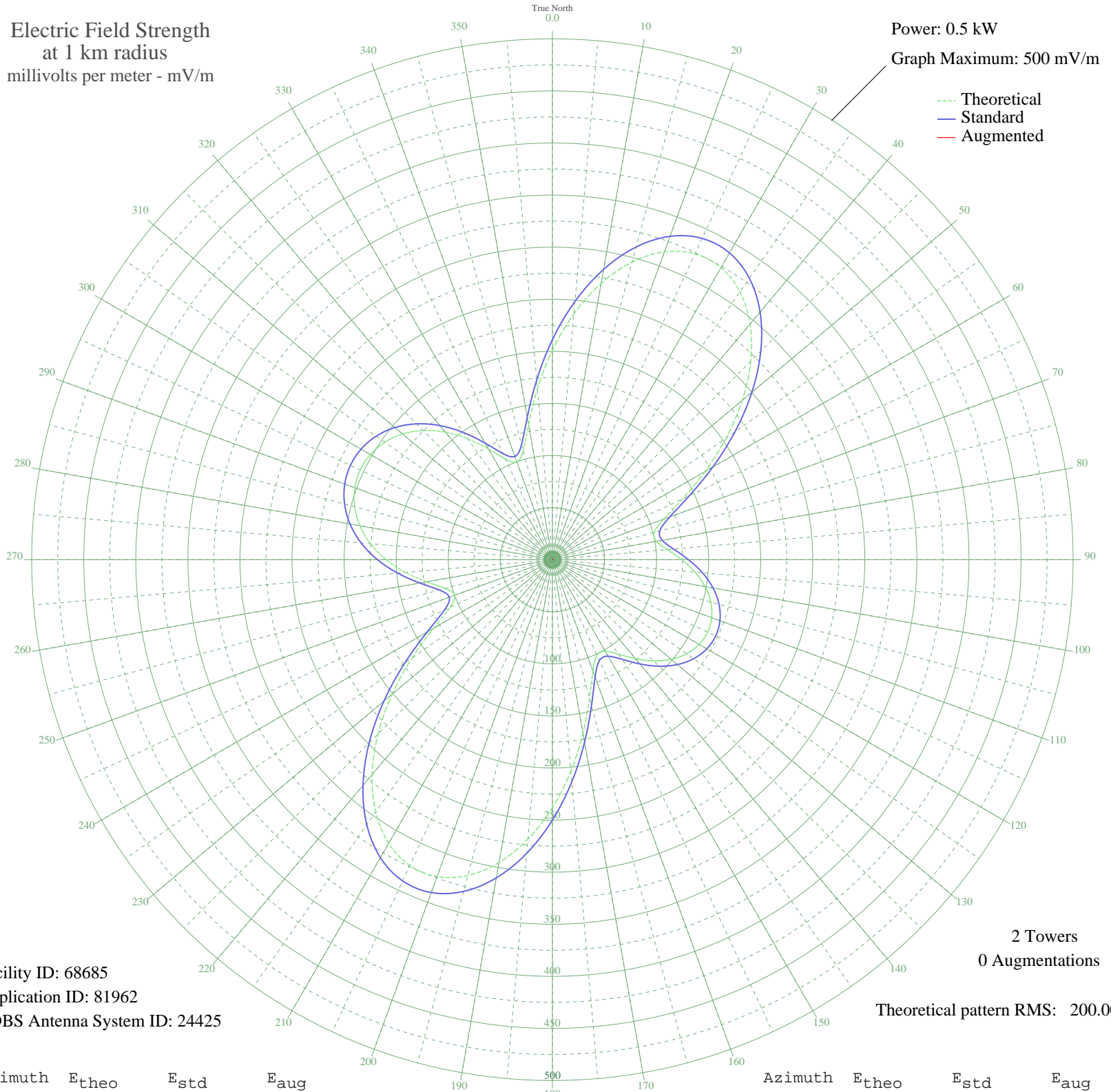


KCOL WELLINGTON, CO BL-19850919AC 600 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 68685
Application ID: 81962
CDBS Antenna System ID: 24425

2 Towers
0 Augmentations
Theoretical pattern RMS: 200.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	200.84	211.14	
5	236.80	248.86	
10	269.27	282.93	
15	295.78	310.74	
20	314.42	330.31	
25	323.93	340.29	
30	323.72	340.06	
35	313.90	329.76	
40	295.29	310.23	
45	269.32	282.98	
50	237.95	250.07	
55	203.59	214.03	
60	169.07	177.83	
65	137.75	145.02	
70	113.76	119.90	
75	101.22	106.80	
80	101.43	107.01	
85	110.78	116.79	
90	124.02	130.65	
95	137.39	144.64	
100	148.86	156.66	
105	157.46	165.66	
110	162.73	171.19	
115	164.50	173.05	
120	162.73	171.19	
125	157.46	165.66	
130	148.86	156.66	
135	137.39	144.64	
140	124.02	130.65	
145	110.78	116.79	
150	101.43	107.01	
155	101.22	106.80	
160	113.76	119.90	
165	137.75	145.02	
170	169.07	177.83	
175	203.59	214.03	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	237.95	250.07	
185	269.32	282.98	
190	295.29	310.23	
195	313.90	329.76	
200	323.72	340.06	
205	323.93	340.29	
210	314.42	330.31	
215	295.78	310.74	
220	269.27	282.93	
225	236.80	248.86	
230	200.84	211.14	
235	164.50	173.05	
240	131.88	138.87	
245	108.45	114.36	
250	99.86	105.37	
255	106.59	112.41	
260	122.61	129.17	
265	141.54	148.99	
270	159.69	168.00	
275	175.31	184.37	
280	187.68	197.34	
285	196.53	206.63	
290	201.83	212.18	
295	203.60	214.03	
300	201.83	212.18	
305	196.53	206.63	
310	187.68	197.34	
315	175.31	184.37	
320	159.69	168.00	
325	141.54	148.99	
330	122.61	129.17	
335	106.59	112.41	
340	99.86	105.37	
345	108.46	114.36	
350	131.88	138.87	
355	164.50	173.05	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission