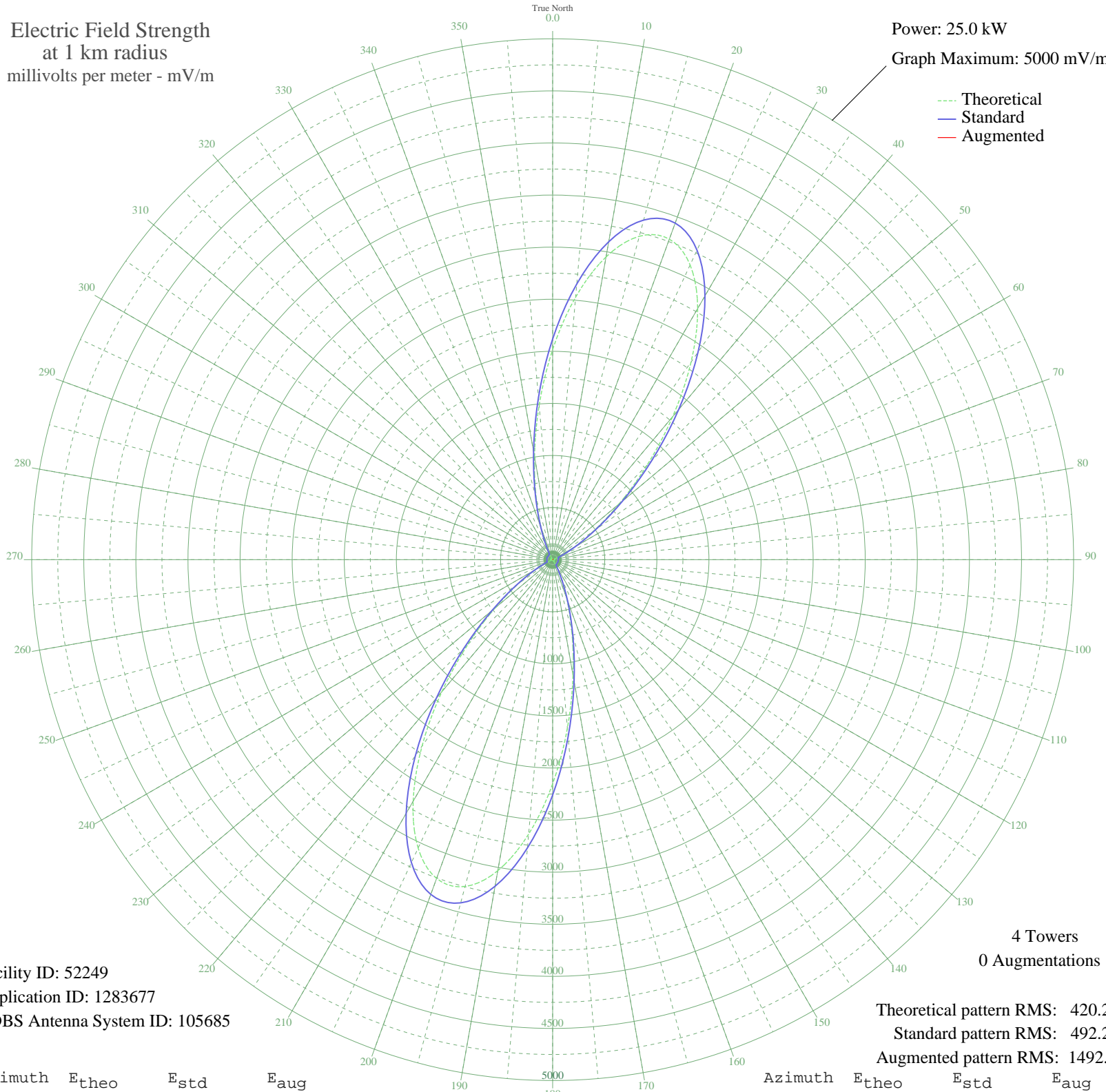


# KCKK LITTLETON, CO BMML-20080717AQB 1510 kHz

Nighttime

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

Power: 25.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 52249  
Application ID: 1283677  
CDBS Antenna System ID: 105685

4 Towers  
0 Augmentations

Theoretical pattern RMS: 420.29  
Standard pattern RMS: 492.23  
Augmented pattern RMS: 1492.40

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2017.01	2118.51	
5	2529.44	2656.43	
10	2950.76	3098.75	
15	3213.80	3374.90	
20	3274.14	3438.25	
25	3121.78	3278.28	
30	2783.69	2923.35	
35	2316.47	2432.86	
40	1791.66	1881.98	
45	1278.92	1343.90	
50	832.18	875.36	
55	482.26	509.09	
60	236.69	254.01	
65	84.86	103.42	
70	5.85	52.86	
75	24.15	58.30	
80	26.27	59.31	
85	16.22	55.19	
90	3.69	52.64	
95	6.61	52.96	
100	13.29	54.32	
105	16.58	55.31	
110	17.01	55.46	
115	14.68	54.72	
120	9.15	53.37	
125	0.03	52.50	
130	12.17	54.03	
135	23.80	58.15	
140	26.99	59.66	
145	7.98	53.16	
150	52.80	76.35	
155	178.77	194.92	
160	392.54	415.49	
165	708.87	746.17	
170	1126.82	1184.32	
175	1623.28	1705.25	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	2151.27	2259.45	
185	2644.95	2777.69	
190	3031.57	3183.58	
195	3247.95	3410.75	
200	3256.40	3419.62	
205	3054.88	3208.06	
210	2677.68	2812.05	
215	2186.37	2296.29	
220	1654.20	1737.71	
225	1149.28	1207.89	
230	721.56	759.45	
235	396.79	419.92	
240	177.56	193.69	
245	49.47	73.86	
250	10.68	53.69	
255	27.48	59.91	
260	21.69	57.23	
265	7.93	53.16	
270	5.46	52.81	
275	15.08	54.84	
280	20.62	56.79	
285	23.07	57.82	
290	23.37	57.95	
295	21.68	57.22	
300	17.26	55.54	
305	9.01	53.35	
310	3.36	52.62	
315	17.64	55.67	
320	27.25	59.79	
325	19.67	56.42	
330	24.04	58.25	
335	127.67	143.96	
340	315.57	335.49	
345	605.89	638.34	
350	1002.28	1053.70	
355	1486.82	1562.05	