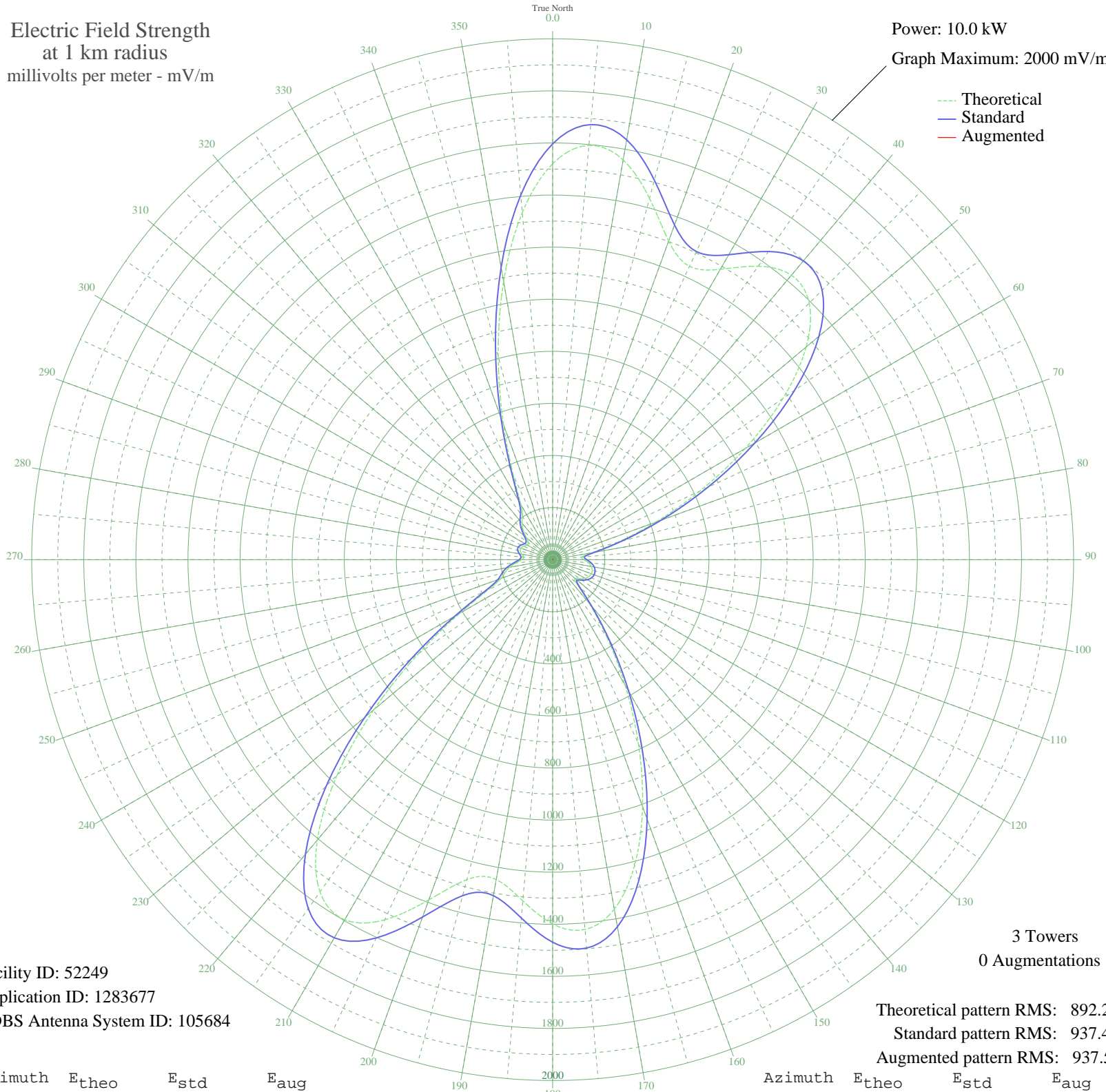


KCKK LITTLETON, CO BMML-20080717AQB 1510 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 52249
Application ID: 1283677
CDBS Antenna System ID: 105684

3 Towers
0 Augmentations

Theoretical pattern RMS: 892.28
Standard pattern RMS: 937.48
Augmented pattern RMS: 937.56

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1520.33	1596.69	
5	1596.82	1676.99	
10	1558.74	1637.02	
15	1436.42	1508.60	
20	1302.14	1367.65	
25	1242.80	1305.37	
30	1287.27	1352.04	
35	1375.34	1444.49	
40	1425.93	1497.59	
45	1392.99	1463.01	
50	1270.54	1334.48	
55	1079.53	1133.99	
60	853.05	896.32	
65	624.59	656.66	
70	420.77	443.05	
75	259.31	274.29	
80	152.74	163.78	
85	112.35	122.55	
90	120.53	130.84	
95	138.23	148.89	
100	150.97	161.96	
105	157.42	168.59	
110	158.27	169.47	
115	153.69	164.75	
120	143.01	153.79	
125	126.33	136.74	
130	111.86	122.05	
135	132.40	142.93	
140	218.63	231.95	
145	363.86	383.49	
150	555.67	584.40	
155	778.71	818.31	
160	1009.23	1060.21	
165	1215.41	1276.61	
170	1362.94	1431.47	
175	1425.47	1497.11	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1398.71	1469.02	
185	1314.96	1381.11	
190	1247.21	1309.99	
195	1271.68	1335.67	
200	1390.36	1460.25	
205	1526.09	1602.73	
210	1596.52	1676.68	
215	1557.41	1635.62	
220	1406.03	1476.71	
225	1170.54	1229.51	
230	895.60	940.96	
235	628.81	661.09	
240	411.22	433.06	
245	271.48	286.98	
250	210.80	223.82	
255	188.93	201.13	
260	167.87	179.36	
265	140.70	151.42	
270	118.03	128.30	
275	111.75	121.95	
280	119.52	129.82	
285	128.55	139.00	
290	130.06	140.54	
295	122.85	133.20	
300	113.28	123.50	
305	113.97	124.19	
310	132.25	142.78	
315	159.53	170.76	
320	182.98	194.97	
325	202.02	214.70	
330	244.70	259.07	
335	357.17	376.49	
340	552.15	580.71	
345	807.18	848.19	
350	1084.52	1139.23	
355	1337.88	1405.17	

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