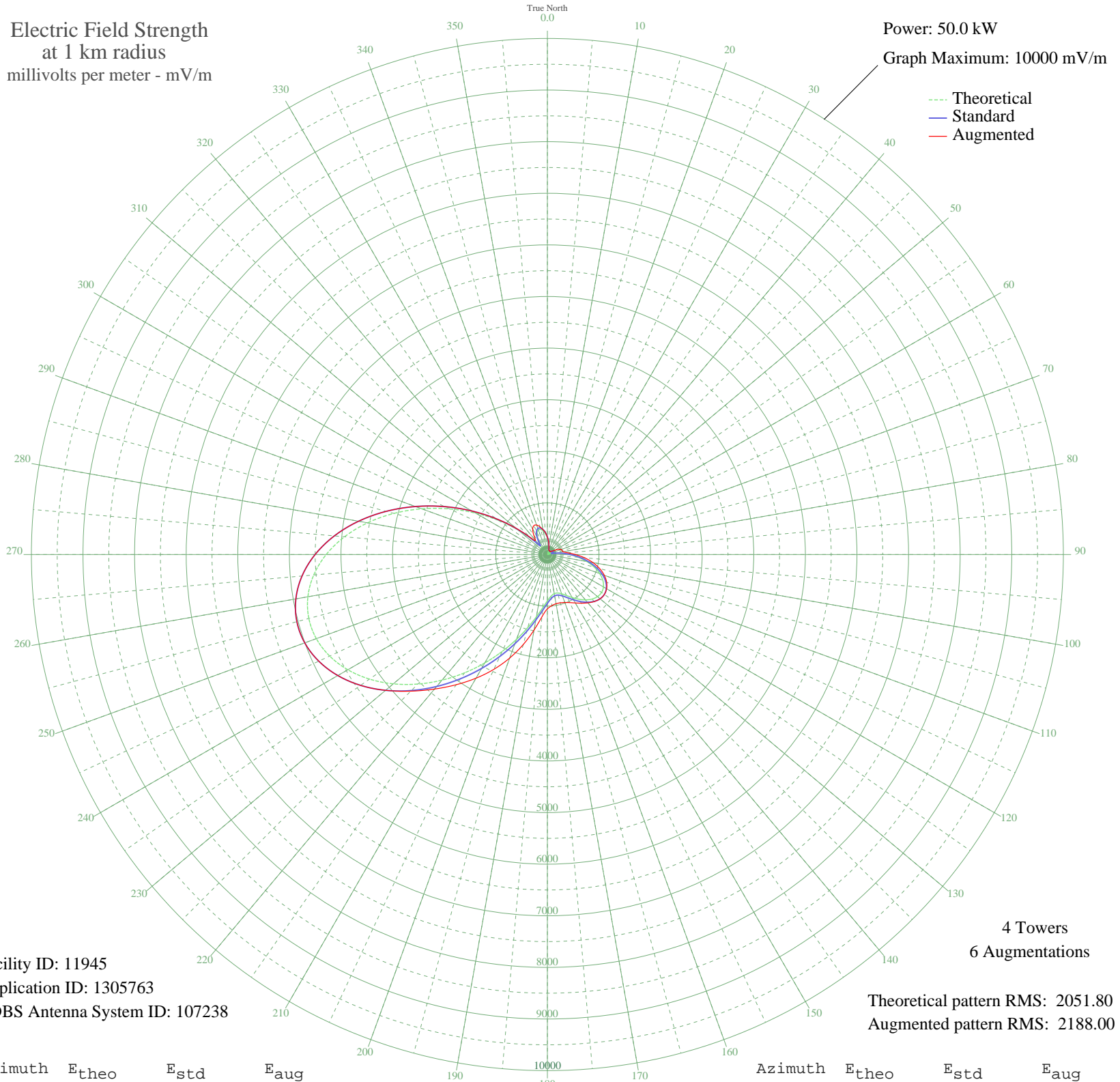


# KTKR SAN ANTONIO, TX BMML-20090401BPP 760 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 10000 mV/m



Facility ID: 11945  
Application ID: 1305763  
CDBS Antenna System ID: 107238

4 Towers  
6 Augmentations

Theoretical pattern RMS: 2051.80  
Augmented pattern RMS: 2188.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	316.86	340.88	340.88
5	230.79	253.45	253.45
10	148.51	172.71	172.71
15	78.87	111.22	111.22
20	34.98	82.84	82.84
25	36.11	83.37	83.37
30	44.11	87.51	87.51
35	36.16	83.39	83.39
40	12.51	75.40	75.40
45	21.59	77.63	77.63
50	58.52	96.37	96.37
55	89.30	119.60	119.60
60	104.70	132.65	164.95
65	96.21	125.37	238.33
70	57.24	95.52	285.80
75	15.95	76.11	295.53
80	123.53	149.45	311.52
85	261.85	284.79	394.29
90	423.60	450.93	543.56
95	598.48	632.78	724.08
100	774.33	816.43	896.40
105	938.47	988.19	1049.00
110	1079.12	1135.51	1174.32
115	1186.76	1248.31	1267.12
120	1255.13	1319.98	1324.92
125	1281.85	1347.98	1347.98
130	1268.54	1334.03	1334.03
135	1220.54	1283.72	1286.84
140	1146.27	1205.87	1221.96
145	1056.30	1111.60	1150.53
150	962.38	1013.23	1083.06
155	876.43	923.25	1027.64
160	809.56	853.28	988.83
165	771.35	813.32	968.42
170	769.54	811.42	968.12
175	810.20	853.94	992.98

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	898.00	945.81	1052.92
185	1036.02	1090.35	1212.37
190	1225.25	1288.65	1484.54
195	1464.13	1539.13	1804.87
200	1748.56	1837.48	2133.31
205	2071.93	2176.79	2454.25
210	2425.42	2547.77	2766.47
215	2798.12	2938.96	3078.71
220	3177.35	3337.04	3402.91
225	3548.99	3727.18	3743.60
230	3897.92	4093.49	4093.49
235	4208.59	4419.64	4419.64
240	4465.77	4689.65	4689.65
245	4655.35	4888.68	4888.68
250	4765.25	5004.06	5004.06
255	4786.34	5026.21	5026.21
260	4713.34	4949.56	4949.56
265	4545.45	4773.30	4773.30
270	4286.83	4501.78	4501.78
275	3946.56	4144.55	4144.55
280	3538.30	3715.95	3715.95
285	3079.44	3234.27	3234.27
290	2589.97	2720.48	2720.48
295	2091.04	2196.84	2196.84
300	1603.57	1685.38	1685.38
305	1147.15	1206.79	1207.43
310	739.87	780.40	788.18
315	402.76	429.37	463.43
320	198.01	220.77	357.93
325	252.37	275.19	459.06
330	379.42	405.25	569.01
335	467.82	496.79	618.98
340	507.31	537.83	608.55
345	502.80	533.13	555.56
350	462.89	491.68	491.68
355	397.51	423.94	423.94