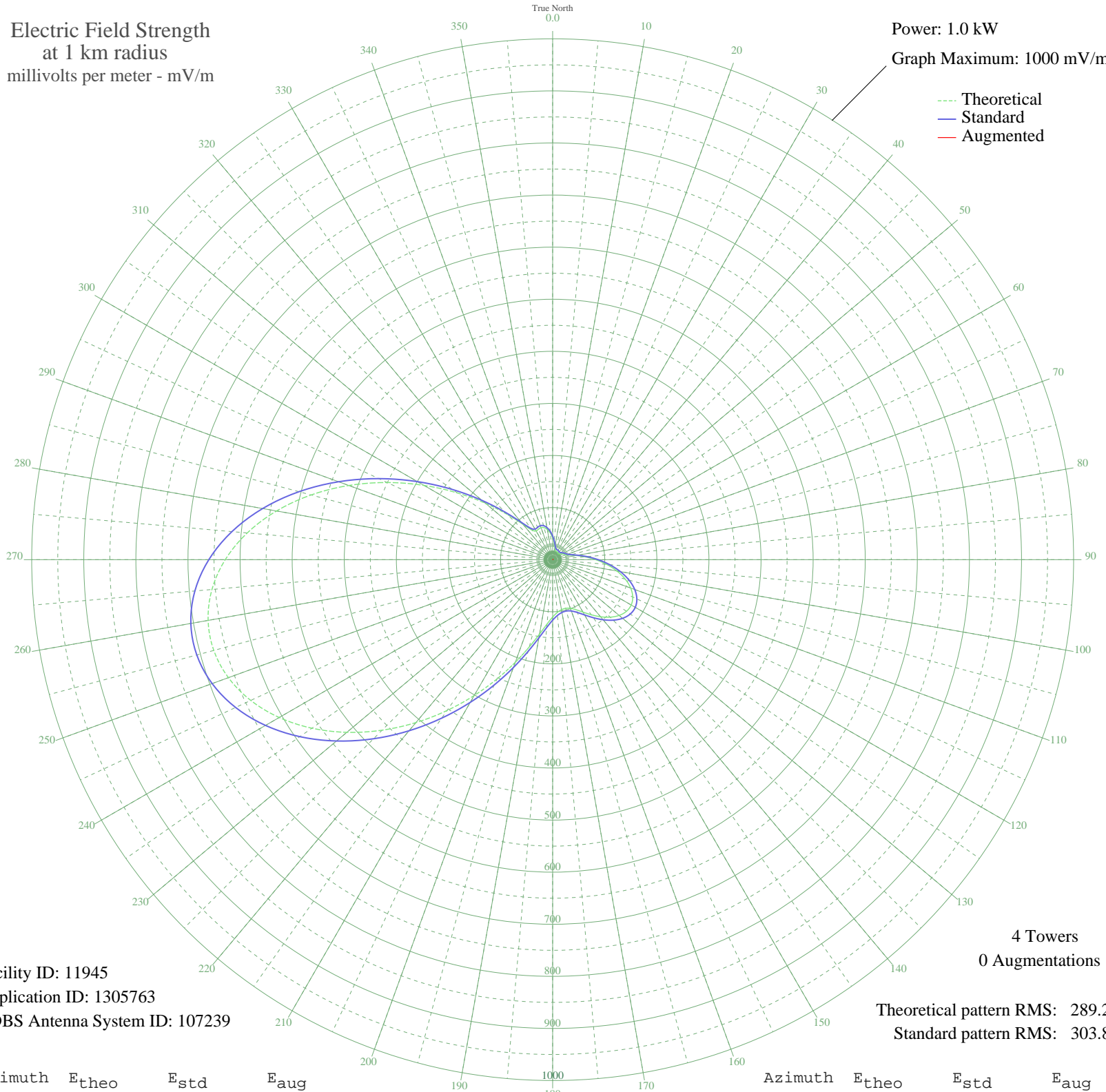


KTKR SAN ANTONIO, TX BMML-20090401BPP 760 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 11945
Application ID: 1305763
CDBS Antenna System ID: 107239

4 Towers
0 Augmentations

Theoretical pattern RMS: 289.20
Standard pattern RMS: 303.80

Azimuth	E _{theo}	E _{std}	E _{aug}
0	41.97	45.30	
5	32.65	35.86	
10	24.64	27.92	
15	19.38	22.90	
20	17.38	21.06	
25	17.27	20.96	
30	17.24	20.92	
35	16.55	20.31	
40	15.68	19.53	
45	15.71	19.55	
50	17.23	20.92	
55	19.66	23.16	
60	22.01	25.39	
65	24.09	27.39	
70	27.19	30.42	
75	33.82	37.03	
80	45.65	49.07	
85	62.35	66.31	
90	82.43	87.18	
95	104.03	109.73	
100	125.23	131.91	
105	144.20	151.77	
110	159.36	167.66	
115	169.54	178.33	
120	174.09	183.09	
125	172.93	181.88	
130	166.59	175.23	
135	156.13	164.28	
140	143.05	150.57	
145	129.14	136.00	
150	116.24	122.51	
155	105.99	111.79	
160	99.40	104.90	
165	96.66	102.03	
170	97.47	102.88	
175	101.75	107.35	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	110.17	116.16	
185	124.09	130.72	
190	144.93	152.53	
195	173.46	182.44	
200	209.62	220.35	
205	252.60	265.44	
210	301.15	316.38	
215	353.66	371.49	
220	408.29	428.84	
225	463.04	486.31	
230	515.74	541.62	
235	564.15	592.45	
240	606.08	636.47	
245	639.44	671.49	
250	662.37	695.57	
255	673.41	707.16	
260	671.57	705.23	
265	656.49	689.39	
270	628.46	659.97	
275	588.49	618.00	
280	538.25	565.26	
285	479.99	504.10	
290	416.41	437.35	
295	350.45	368.12	
300	285.15	299.59	
305	223.46	234.87	
310	168.23	176.96	
315	122.25	128.79	
320	88.47	93.49	
325	69.39	73.62	
330	63.64	67.64	
335	64.43	68.46	
340	65.38	69.45	
345	63.63	67.63	
350	58.67	62.49	
355	51.08	54.66	

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