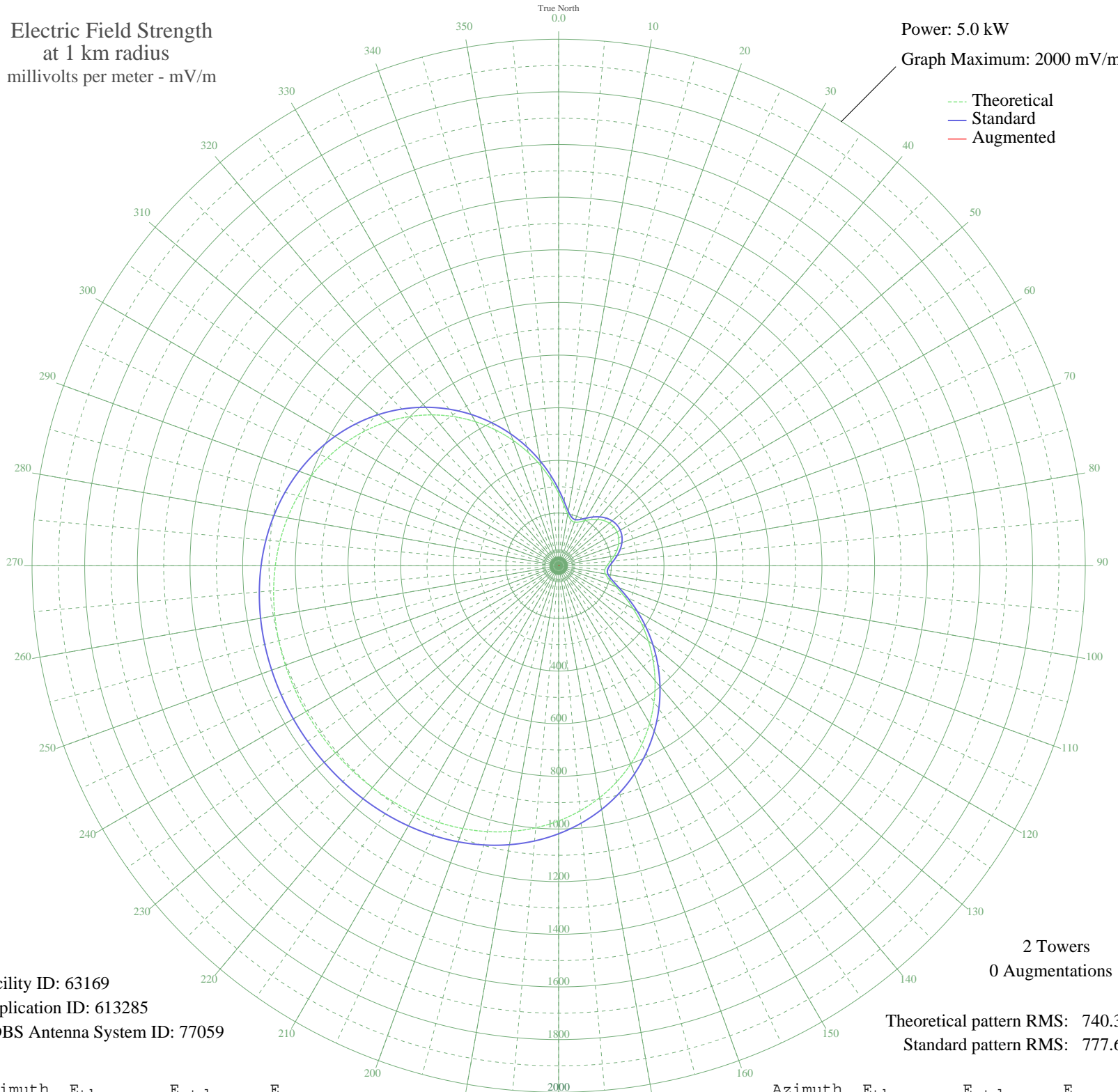


**WIBW TOPEKA, KS BML-20020912ABX 580 kHz**

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 63169  
Application ID: 613285  
CDBS Antenna System ID: 77059

Theoretical pattern RMS: 740.30  
Standard pattern RMS: 777.67

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	275.22	289.93	
5	231.46	244.17	
10	198.82	210.08	
15	180.12	190.57	
20	175.93	186.21	
25	183.34	193.93	
30	197.47	208.67	
35	213.88	225.80	
40	229.51	242.12	
45	242.44	255.64	
50	251.56	265.18	
55	256.26	270.09	
60	256.26	270.09	
65	251.56	265.18	
70	242.44	255.64	
75	229.51	242.12	
80	213.88	225.80	
85	197.47	208.67	
90	183.34	193.93	
95	175.93	186.21	
100	180.12	190.57	
105	198.82	210.08	
110	231.46	244.17	
115	275.22	289.93	
120	326.99	344.14	
125	384.19	404.08	
130	444.77	467.59	
135	507.06	532.93	
140	569.67	598.61	
145	631.37	663.36	
150	691.12	726.06	
155	748.01	785.77	
160	801.30	841.69	
165	850.41	893.24	
170	894.92	939.96	
175	934.60	981.61	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	969.37	1018.11	
185	999.29	1049.52	
190	1024.58	1076.07	
195	1045.55	1098.07	
200	1062.57	1115.95	
205	1076.10	1130.15	
210	1086.59	1141.16	
215	1094.51	1149.48	
220	1100.27	1155.53	
225	1104.25	1159.70	
230	1106.73	1162.30	
235	1107.92	1163.55	
240	1107.92	1163.55	
245	1106.73	1162.30	
250	1104.25	1159.70	
255	1100.27	1155.53	
260	1094.51	1149.48	
265	1086.59	1141.16	
270	1076.10	1130.15	
275	1062.57	1115.94	
280	1045.55	1098.07	
285	1024.58	1076.07	
290	999.29	1049.52	
295	969.37	1018.11	
300	934.60	981.61	
305	894.92	939.96	
310	850.41	893.24	
315	801.30	841.69	
320	748.01	785.77	
325	691.12	726.06	
330	631.37	663.36	
335	569.67	598.61	
340	507.06	532.93	
345	444.76	467.59	
350	384.19	404.08	
355	326.99	344.14	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission