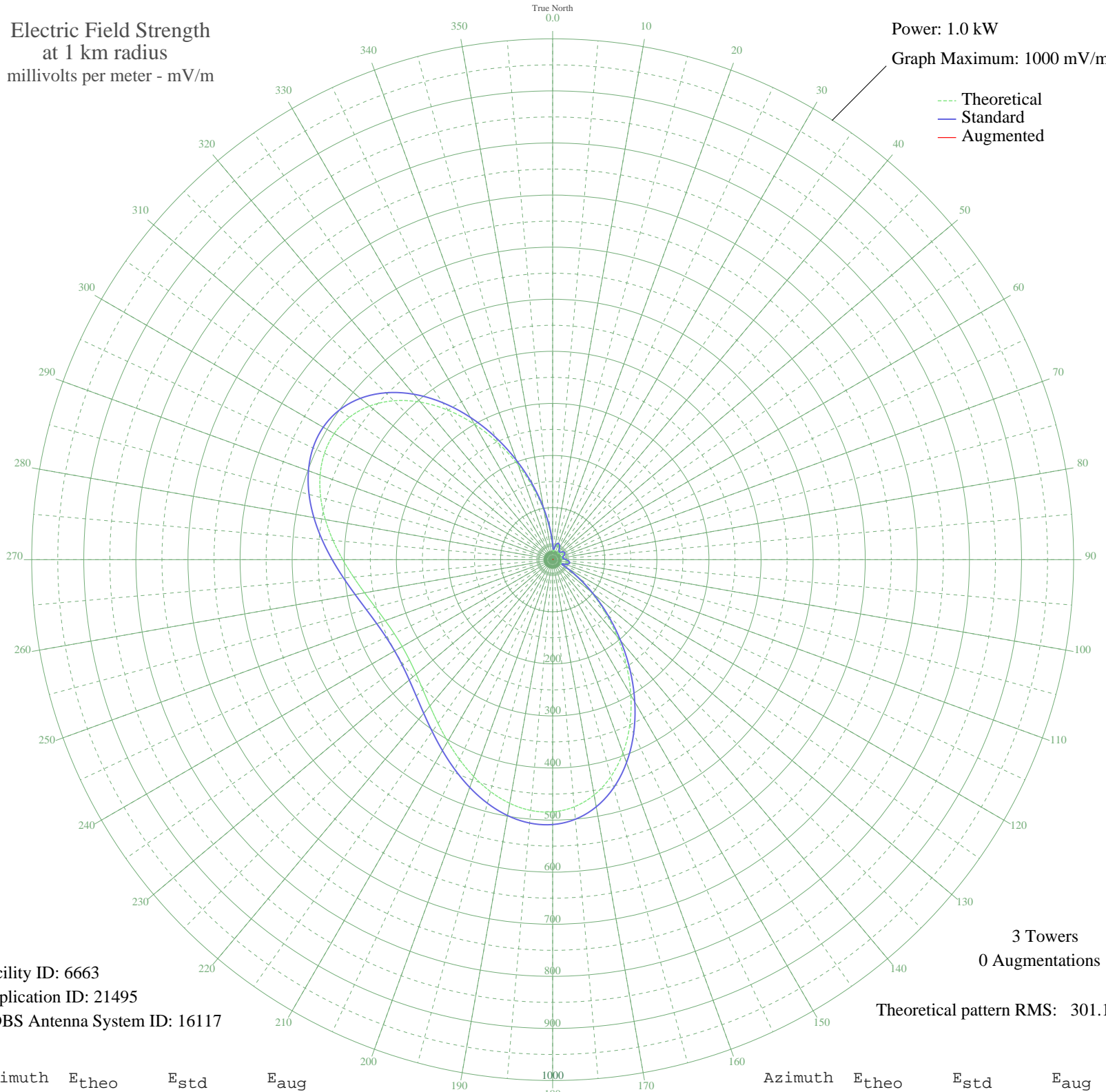


# WQKR PORTLAND, TN BL-19800702AI 1270 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 6663  
Application ID: 21495  
CDBS Antenna System ID: 16117

3 Towers  
0 Augmentations

Theoretical pattern RMS: 301.11

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	27.36	30.58	
5	15.25	19.15	
10	22.19	25.55	
15	28.54	31.75	
20	30.11	33.32	
25	27.68	30.90	
30	22.86	26.20	
35	17.83	21.46	
40	15.27	19.16	
45	16.55	20.30	
50	19.68	23.18	
55	22.30	25.66	
60	23.28	26.61	
65	22.30	25.66	
70	19.68	23.18	
75	16.55	20.30	
80	15.27	19.16	
85	17.83	21.46	
90	22.86	26.20	
95	27.68	30.90	
100	30.11	33.32	
105	28.54	31.75	
110	22.19	25.55	
115	15.25	19.15	
120	27.36	30.58	
125	56.70	60.45	
130	95.65	100.98	
135	141.80	149.26	
140	192.98	202.90	
145	246.67	259.21	
150	300.05	315.23	
155	350.28	367.94	
160	394.76	414.63	
165	431.39	453.08	
170	458.79	481.84	
175	476.34	500.27	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	484.22	508.54	
185	483.31	507.58	
190	474.97	498.83	
195	460.95	484.11	
200	443.08	465.35	
205	423.18	444.47	
210	402.91	423.18	
215	383.66	402.98	
220	366.57	385.04	
225	352.50	370.27	
230	342.06	359.31	
235	335.64	352.58	
240	333.48	350.31	
245	335.64	352.58	
250	342.06	359.31	
255	352.50	370.27	
260	366.57	385.04	
265	383.66	402.98	
270	402.91	423.18	
275	423.18	444.47	
280	443.08	465.35	
285	460.95	484.11	
290	474.97	498.83	
295	483.31	507.58	
300	484.22	508.54	
305	476.34	500.27	
310	458.79	481.84	
315	431.39	453.08	
320	394.75	414.63	
325	350.28	367.94	
330	300.05	315.22	
335	246.67	259.21	
340	192.98	202.90	
345	141.80	149.26	
350	95.65	100.98	
355	56.70	60.45	

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.

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13 Nov 2009

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission