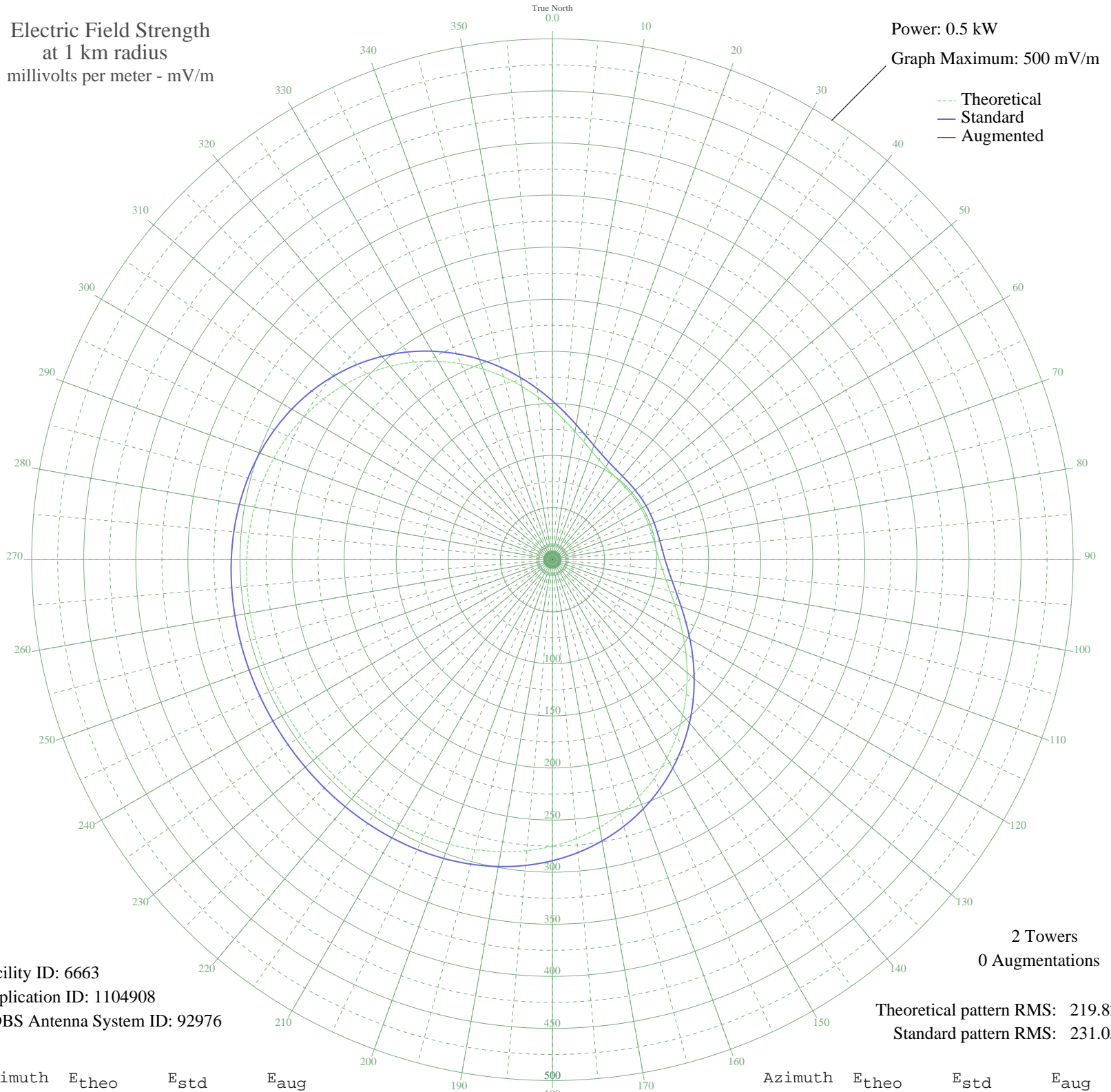


# WQKR PORTLAND, TN BP-20050720ADU 1270 kHz

Daytime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 6663  
Application ID: 1104908  
CDBS Antenna System ID: 92976

2 Towers  
0 Augmentations

Theoretical pattern RMS: 219.82  
Standard pattern RMS: 231.05

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	144.87	152.47	
5	134.23	141.33	
10	124.87	131.53	
15	116.98	123.27	
20	110.66	116.66	
25	105.89	111.68	
30	102.55	108.19	
35	100.41	105.95	
40	99.18	104.67	
45	98.59	104.05	
50	98.36	103.81	
55	98.31	103.76	
60	98.31	103.75	
65	98.31	103.76	
70	98.36	103.81	
75	98.59	104.05	
80	99.18	104.67	
85	100.41	105.95	
90	102.55	108.19	
95	105.89	111.68	
100	110.66	116.66	
105	116.98	123.27	
110	124.87	131.53	
115	134.23	141.33	
120	144.87	152.47	
125	156.53	164.69	
130	168.93	177.69	
135	181.75	191.13	
140	194.70	204.70	
145	207.47	218.10	
150	219.82	231.05	
155	231.51	243.31	
160	242.35	254.69	
165	252.21	265.02	
170	260.97	274.22	
175	268.59	282.21	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	275.06	289.00	
185	280.40	294.61	
190	284.69	299.11	
195	288.02	302.61	
200	290.51	305.22	
205	292.28	307.07	
210	293.47	308.32	
215	294.21	309.10	
220	294.63	309.53	
225	294.83	309.74	
230	294.90	309.82	
235	294.92	309.84	
240	294.92	309.84	
245	294.92	309.84	
250	294.90	309.82	
255	294.83	309.74	
260	294.63	309.53	
265	294.21	309.10	
270	293.47	308.32	
275	292.28	307.07	
280	290.51	305.22	
285	288.02	302.61	
290	284.69	299.11	
295	280.40	294.61	
300	275.06	289.00	
305	268.59	282.21	
310	260.97	274.22	
315	252.21	265.02	
320	242.35	254.69	
325	231.51	243.31	
330	219.82	231.05	
335	207.47	218.10	
340	194.70	204.70	
345	181.75	191.13	
350	168.93	177.69	
355	156.53	164.69	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission