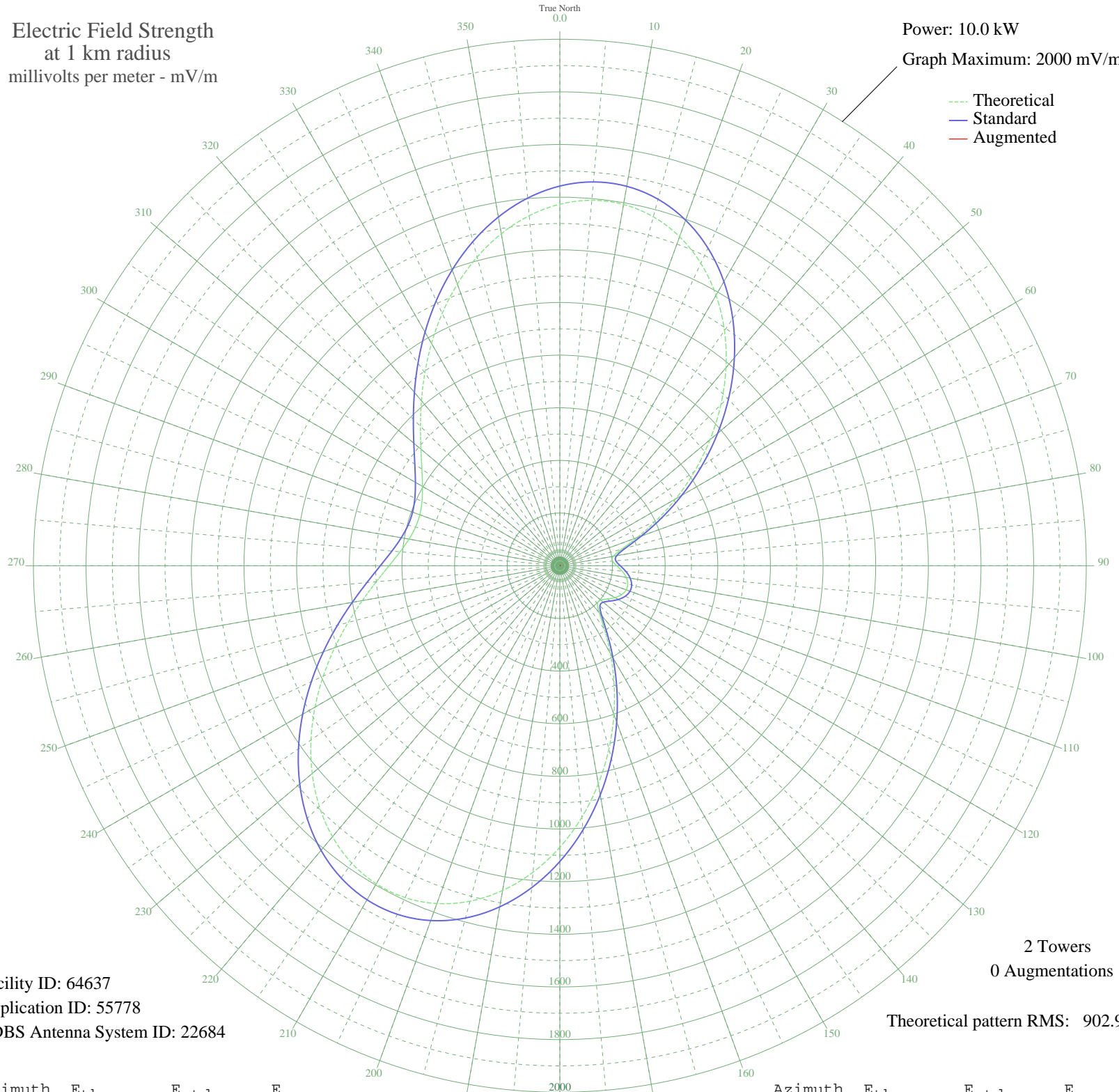


# KCTE INDEPENDENCE, MO BL-19830405AB 1510 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 64637  
Application ID: 55778  
CDBS Antenna System ID: 22684

2 Towers  
0 Augmentations

Theoretical pattern RMS: 902.95

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1373.23	1442.28	
5	1393.47	1463.52	
10	1393.52	1463.58	
15	1372.41	1441.41	
20	1330.09	1396.99	
25	1267.56	1331.35	
30	1186.74	1246.52	
35	1090.41	1145.41	
40	981.98	1031.61	
45	865.35	909.22	
50	744.69	782.63	
55	624.33	656.38	
60	508.71	535.18	
65	402.65	424.08	
70	311.81	329.08	
75	243.60	257.93	
80	206.11	218.95	
85	200.73	213.37	
90	216.20	229.42	
95	237.90	251.99	
100	256.41	271.27	
105	267.09	282.41	
110	268.10	283.45	
115	259.26	274.24	
120	242.06	256.32	
125	220.43	233.82	
130	202.67	215.37	
135	202.66	215.37	
140	233.43	247.34	
145	296.09	312.66	
150	383.05	403.58	
155	486.57	511.98	
160	600.68	631.58	
165	720.45	757.20	
170	841.40	884.10	
175	959.18	1007.69	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1069.57	1123.54	
185	1168.61	1227.49	
190	1252.78	1315.84	
195	1319.15	1385.51	
200	1365.62	1434.29	
205	1391.01	1460.94	
210	1395.14	1465.27	
215	1378.81	1448.13	
220	1343.77	1411.35	
225	1292.50	1357.53	
230	1228.12	1289.95	
235	1154.08	1212.24	
240	1074.03	1128.22	
245	991.57	1041.68	
250	910.11	956.20	
255	832.71	874.98	
260	762.00	800.79	
265	700.14	735.90	
270	648.78	682.03	
275	609.10	640.42	
280	581.87	611.87	
285	567.50	596.80	
290	566.19	595.43	
295	577.96	607.76	
300	602.64	633.65	
305	639.88	672.70	
310	688.98	724.19	
315	748.86	787.00	
320	817.96	859.50	
325	894.22	939.52	
330	975.10	1024.39	
335	1057.62	1111.00	
340	1138.43	1195.82	
345	1213.96	1275.10	
350	1280.57	1345.01	
355	1334.72	1401.85	

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