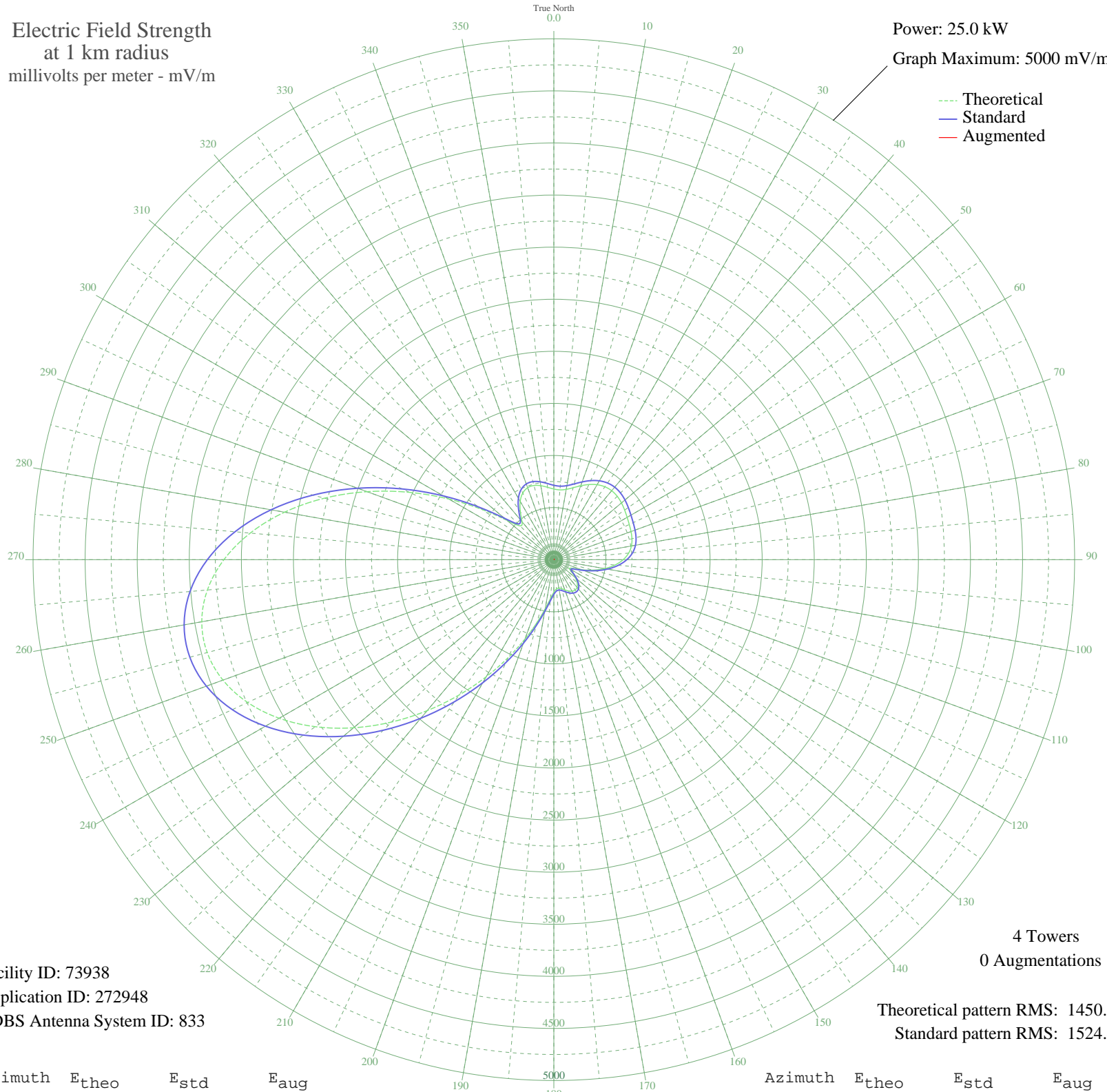


# KYYS KANSAS CITY, KS BL-19980820AC 1250 kHz

Daytime

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

Power: 25.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 73938  
Application ID: 272948  
CDBS Antenna System ID: 833

4 Towers  
0 Augmentations

Theoretical pattern RMS: 1450.98  
Standard pattern RMS: 1524.43

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	678.13	713.97	
5	672.49	708.06	
10	685.33	721.51	
15	714.95	752.53	
20	754.59	794.06	
25	795.72	837.15	
30	830.68	873.79	
35	854.18	898.42	
40	863.89	908.61	
45	860.53	905.08	
50	847.45	891.37	
55	829.76	872.82	
60	812.59	854.83	
65	799.02	840.62	
70	788.45	829.54	
75	776.42	816.93	
80	756.13	795.67	
85	720.83	758.69	
90	665.78	701.04	
95	589.59	621.29	
100	494.71	522.09	
105	387.80	410.56	
110	280.85	299.53	
115	196.43	212.82	
120	172.35	188.43	
125	211.96	228.67	
130	269.31	287.61	
135	316.95	336.92	
140	346.18	367.26	
145	356.02	377.49	
150	349.43	370.64	
155	331.61	352.13	
160	309.01	328.68	
165	288.53	307.47	
170	277.16	295.71	
175	282.41	301.14	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	312.72	332.53	
185	376.40	398.69	
190	479.35	506.04	
195	624.20	657.51	
200	810.84	853.00	
205	1036.84	1089.95	
210	1297.47	1363.35	
215	1585.64	1665.75	
220	1891.92	1987.21	
225	2204.74	2315.57	
230	2510.79	2636.85	
235	2795.67	2935.93	
240	3044.71	3197.37	
245	3243.85	3406.45	
250	3380.75	3550.17	
255	3445.66	3618.32	
260	3432.39	3604.39	
265	3338.93	3506.27	
270	3167.80	3326.61	
275	2926.13	3072.88	
280	2625.24	2757.00	
285	2280.03	2394.61	
290	1908.13	2004.23	
295	1529.09	1606.40	
300	1164.18	1223.52	
305	838.15	881.63	
310	585.76	617.29	
315	458.61	484.39	
320	474.71	501.20	
325	560.24	590.59	
330	646.01	680.34	
335	705.86	743.01	
340	734.90	773.43	
345	737.15	775.78	
350	721.07	758.94	
355	697.55	734.30	

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