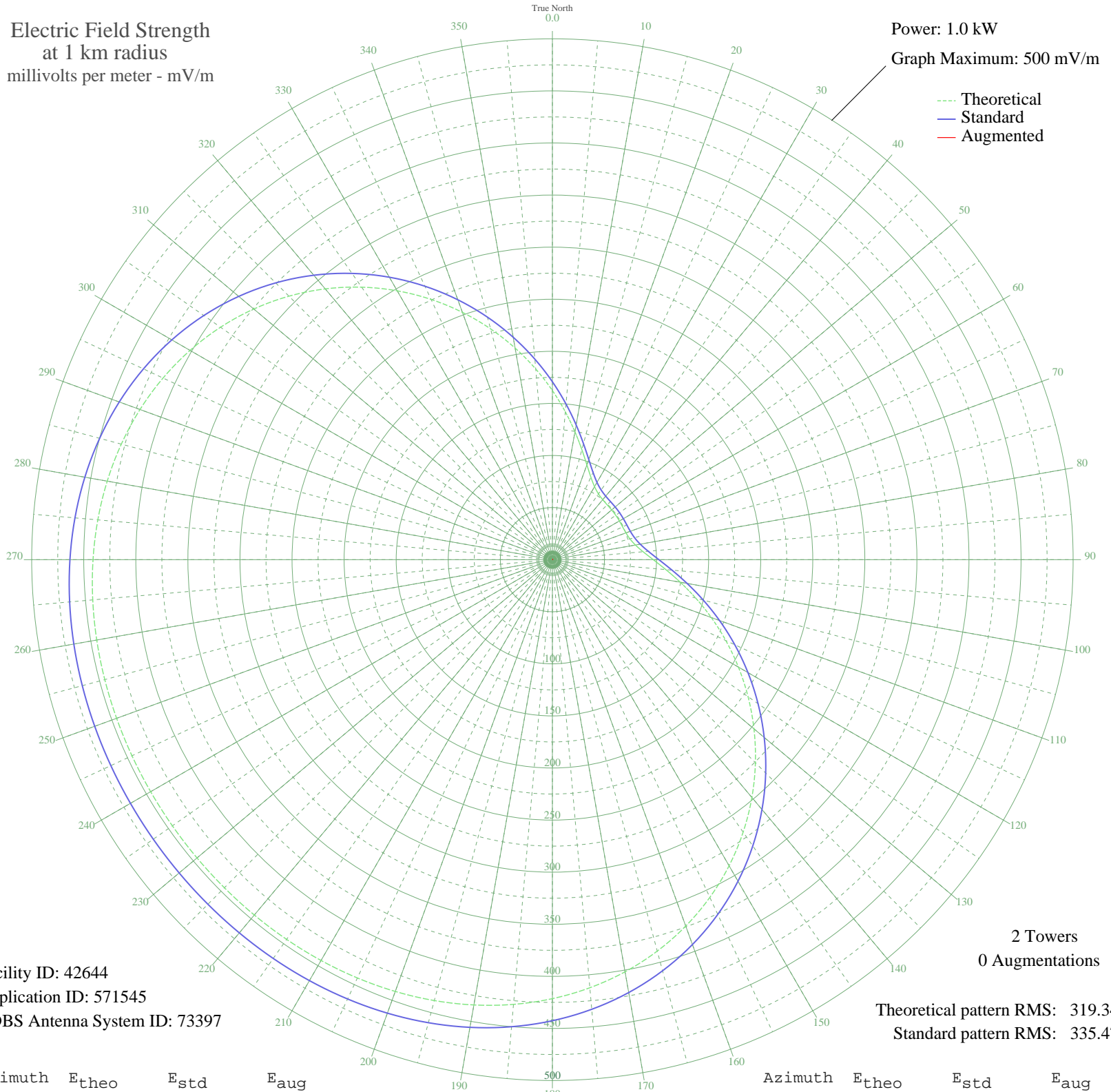


WIHM TAYLORVILLE, IL BML-20010530ADB 1410 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m



Facility ID: 42644
Application ID: 571545
CDBS Antenna System ID: 73397

2 Towers
0 Augmentations

Theoretical pattern RMS: 319.34
Standard pattern RMS: 335.47

Azimuth	E _{theo}	E _{std}	E _{aug}
0	162.34	170.78	
5	142.49	149.98	
10	124.67	131.32	
15	109.33	115.27	
20	96.84	102.22	
25	87.41	92.38	
30	80.96	85.66	
35	77.10	81.63	
40	75.17	79.62	
45	74.43	78.85	
50	74.25	78.67	
55	74.24	78.66	
60	74.25	78.67	
65	74.43	78.85	
70	75.17	79.62	
75	77.10	81.63	
80	80.96	85.66	
85	87.41	92.38	
90	96.84	102.22	
95	109.33	115.27	
100	124.67	131.32	
105	142.49	149.98	
110	162.34	170.78	
115	183.75	193.22	
120	206.25	216.81	
125	229.36	241.06	
130	252.64	265.48	
135	275.66	289.63	
140	298.01	313.08	
145	319.33	335.46	
150	339.32	356.44	
155	357.71	375.74	
160	374.32	393.18	
165	389.02	408.61	
170	401.75	421.97	
175	412.53	433.28	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	421.41	442.61	
185	428.53	450.08	
190	434.05	455.88	
195	438.17	460.20	
200	441.10	463.27	
205	443.06	465.33	
210	444.28	466.62	
215	444.97	467.34	
220	445.30	467.68	
225	445.43	467.81	
230	445.45	467.85	
235	445.46	467.85	
240	445.45	467.85	
245	445.43	467.81	
250	445.30	467.68	
255	444.97	467.34	
260	444.28	466.62	
265	443.06	465.33	
270	441.10	463.27	
275	438.17	460.20	
280	434.05	455.88	
285	428.53	450.08	
290	421.41	442.61	
295	412.53	433.28	
300	401.75	421.97	
305	389.02	408.61	
310	374.32	393.18	
315	357.71	375.74	
320	339.32	356.44	
325	319.33	335.46	
330	298.01	313.08	
335	275.66	289.63	
340	252.64	265.48	
345	229.36	241.06	
350	206.25	216.81	
355	183.75	193.22	