

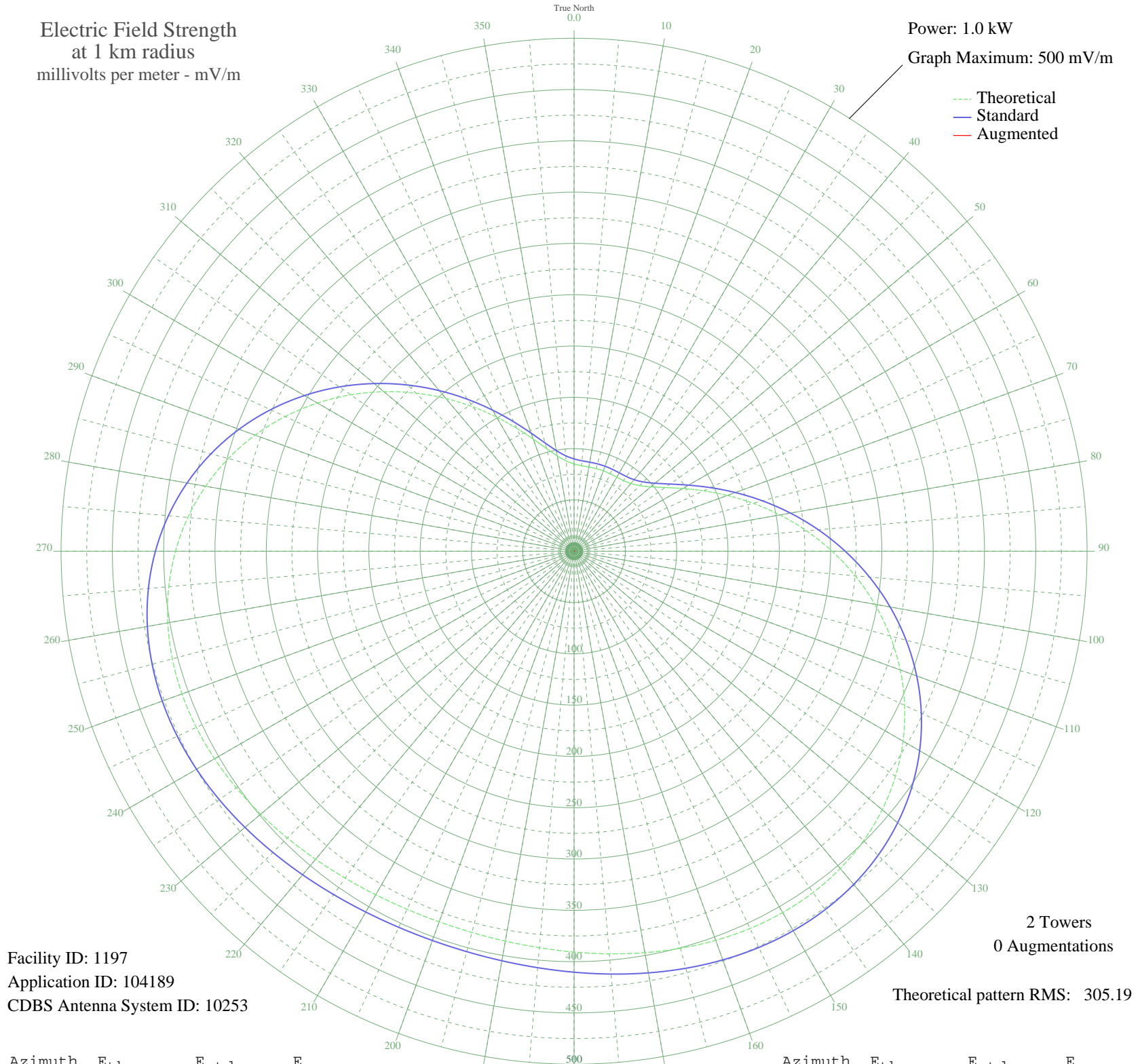
WDFB JUNCTION CITY, KY BL-19870804AD 1170 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 1197  
Application ID: 104189  
CDBS Antenna System ID: 10253

2 Towers  
0 Augmentations

Theoretical pattern RMS: 305.19

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	85.08	89.95	
5	83.67	88.48	
10	83.31	88.10	
15	83.34	88.13	
20	83.37	88.16	
25	83.31	88.10	
30	83.37	88.17	
35	84.07	88.89	
40	86.13	91.04	
45	90.41	95.51	
50	97.65	103.07	
55	108.26	114.16	
60	122.26	128.80	
65	139.33	146.67	
70	158.98	167.26	
75	180.64	189.96	
80	203.68	214.13	
85	227.51	239.11	
90	251.50	264.28	
95	275.09	289.04	
100	297.74	312.80	
105	318.95	335.06	
110	338.32	355.39	
115	355.50	373.42	
120	370.25	388.91	
125	382.43	401.69	
130	392.00	411.74	
135	399.02	419.11	
140	403.64	423.96	
145	406.10	426.53	
150	406.67	427.14	
155	405.71	426.13	
160	403.58	423.89	
165	400.66	420.82	
170	397.31	417.31	
175	393.87	413.70	

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	390.66	410.32	
185	387.92	407.45	
190	385.88	405.31	
195	384.68	404.05	
200	384.39	403.75	
205	385.05	404.44	
210	386.60	406.07	
215	388.94	408.53	
220	391.90	411.63	
225	395.24	415.13	
230	398.68	418.74	
235	401.90	422.13	
240	404.55	424.91	
245	406.26	426.70	
250	406.65	427.11	
255	405.36	425.76	
260	402.07	422.31	
265	396.51	416.47	
270	388.49	408.05	
275	377.87	396.91	
280	364.65	383.03	
285	348.91	366.50	
290	330.82	347.52	
295	310.67	326.37	
300	288.82	303.45	
305	265.74	279.22	
310	241.92	254.23	
315	217.92	229.06	
320	194.34	204.33	
325	171.77	180.67	
330	150.85	158.74	
335	132.16	139.16	
340	116.27	122.53	
345	103.60	109.29	
350	94.37	99.64	
355	88.38	93.39	