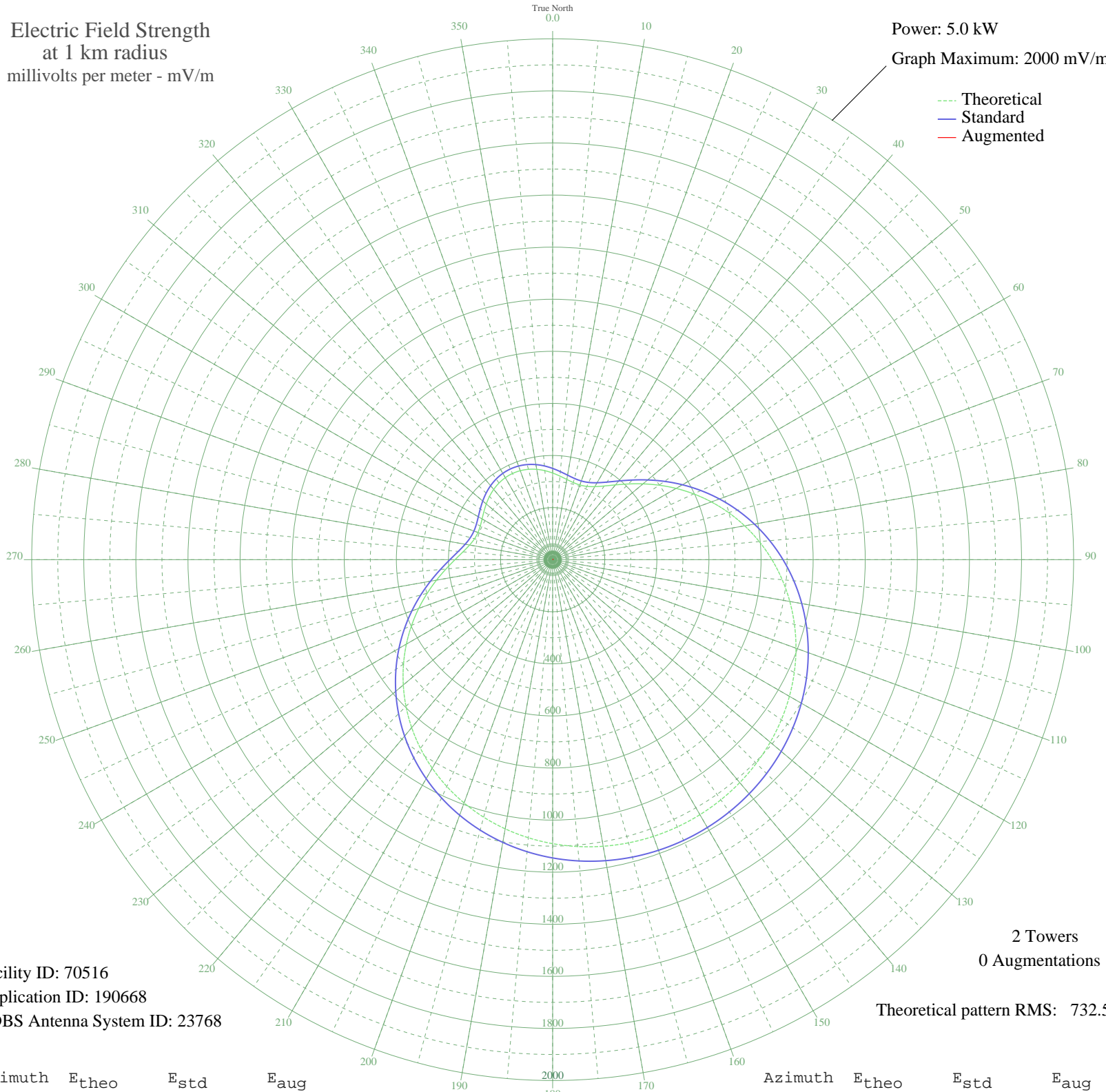


# WIDU FAYETTEVILLE, NC BL-19931007AB 1600 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 70516  
Application ID: 190668  
CDBS Antenna System ID: 23768

2 Towers  
0 Augmentations

Theoretical pattern RMS: 732.50

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	332.65	350.33	
5	322.09	339.28	
10	312.80	329.54	
15	306.51	322.97	
20	305.16	321.56	
25	310.51	327.15	
30	323.78	341.04	
35	345.36	363.63	
40	374.79	394.46	
45	411.03	432.43	
50	452.76	476.16	
55	498.59	524.21	
60	547.22	575.22	
65	597.50	627.95	
70	648.38	681.33	
75	698.96	734.41	
80	748.49	786.38	
85	796.30	836.55	
90	841.86	884.36	
95	884.72	929.34	
100	924.54	971.14	
105	961.07	1009.48	
110	994.14	1044.19	
115	1023.64	1075.16	
120	1049.54	1102.34	
125	1071.82	1125.74	
130	1090.54	1145.38	
135	1105.73	1161.33	
140	1117.45	1173.64	
145	1125.78	1182.38	
150	1130.76	1187.60	
155	1132.41	1189.34	
160	1130.76	1187.60	
165	1125.78	1182.38	
170	1117.45	1173.64	
175	1105.73	1161.33	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1090.54	1145.38	
185	1071.82	1125.74	
190	1049.54	1102.34	
195	1023.64	1075.16	
200	994.14	1044.19	
205	961.07	1009.48	
210	924.54	971.14	
215	884.72	929.34	
220	841.86	884.36	
225	796.30	836.55	
230	748.49	786.38	
235	698.96	734.41	
240	648.38	681.33	
245	597.50	627.95	
250	547.22	575.22	
255	498.59	524.21	
260	452.76	476.16	
265	411.03	432.43	
270	374.79	394.46	
275	345.36	363.63	
280	323.78	341.04	
285	310.51	327.15	
290	305.16	321.56	
295	306.51	322.97	
300	312.80	329.54	
305	322.09	339.28	
310	332.65	350.33	
315	343.02	361.18	
320	352.10	370.69	
325	359.11	378.03	
330	363.51	382.64	
335	365.00	384.21	
340	363.51	382.64	
345	359.11	378.03	
350	352.10	370.69	
355	343.02	361.18	

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.

03 Feb 2010

Prepared by Audio Division, Media Bureau  
Federal Communications Commission