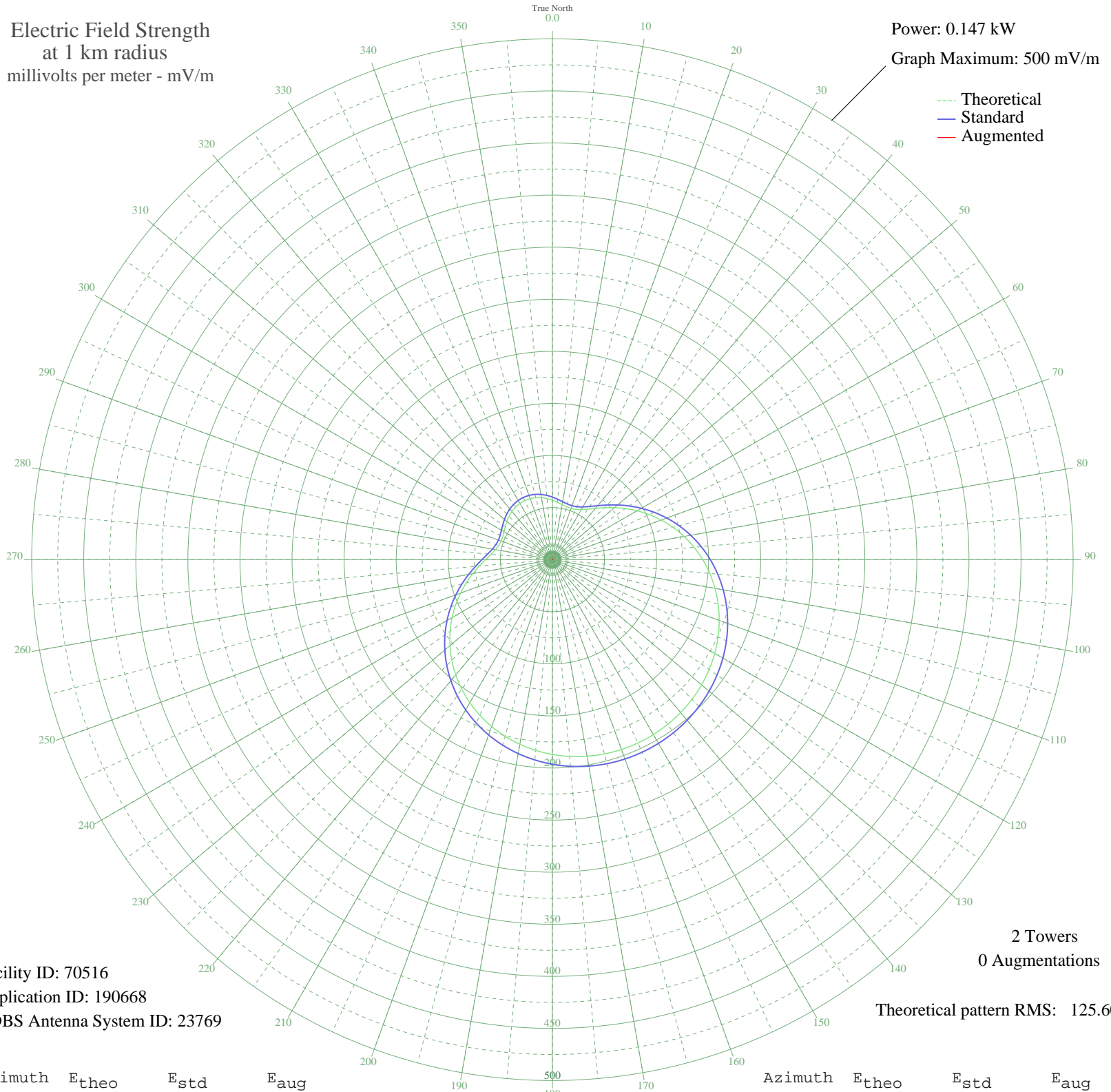


# WIDU FAYETTEVILLE, NC BL-19931007AB 1600 kHz

Nighttime

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

Power: 0.147 kW  
Graph Maximum: 500 mV/m



Facility ID: 70516  
Application ID: 190668  
CDBS Antenna System ID: 23769

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 125.60

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	57.04	60.07	
5	55.23	58.17	
10	53.63	56.51	
15	52.56	55.38	
20	52.33	55.14	
25	53.24	56.10	
30	55.52	58.48	
35	59.22	62.35	
40	64.26	67.64	
45	70.48	74.15	
50	77.63	81.65	
55	85.49	89.89	
60	93.83	98.63	
65	102.45	107.67	
70	111.18	116.83	
75	119.85	125.93	
80	128.34	134.84	
85	136.54	143.44	
90	144.35	151.64	
95	151.70	159.35	
100	158.53	166.52	
105	164.79	173.09	
110	170.46	179.04	
115	175.52	184.36	
120	179.96	189.02	
125	183.78	193.03	
130	186.99	196.40	
135	189.60	199.13	
140	191.61	201.24	
145	193.03	202.74	
150	193.89	203.64	
155	194.17	203.93	
160	193.89	203.64	
165	193.03	202.74	
170	191.61	201.24	
175	189.60	199.13	

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.

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	186.99	196.40	
185	183.78	193.03	
190	179.96	189.02	
195	175.52	184.36	
200	170.46	179.04	
205	164.79	173.09	
210	158.53	166.52	
215	151.70	159.35	
220	144.35	151.64	
225	136.54	143.44	
230	128.34	134.84	
235	119.85	125.93	
240	111.18	116.83	
245	102.45	107.67	
250	93.83	98.63	
255	85.49	89.89	
260	77.63	81.65	
265	70.48	74.15	
270	64.26	67.64	
275	59.22	62.35	
280	55.52	58.48	
285	53.24	56.10	
290	52.33	55.14	
295	52.56	55.38	
300	53.63	56.51	
305	55.23	58.17	
310	57.04	60.07	
315	58.82	61.93	
320	60.37	63.56	
325	61.58	64.82	
330	62.33	65.61	
335	62.59	65.88	
340	62.33	65.61	
345	61.58	64.82	
350	60.37	63.56	
355	58.82	61.93	

10 Nov 2011

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Federal Communications Commission