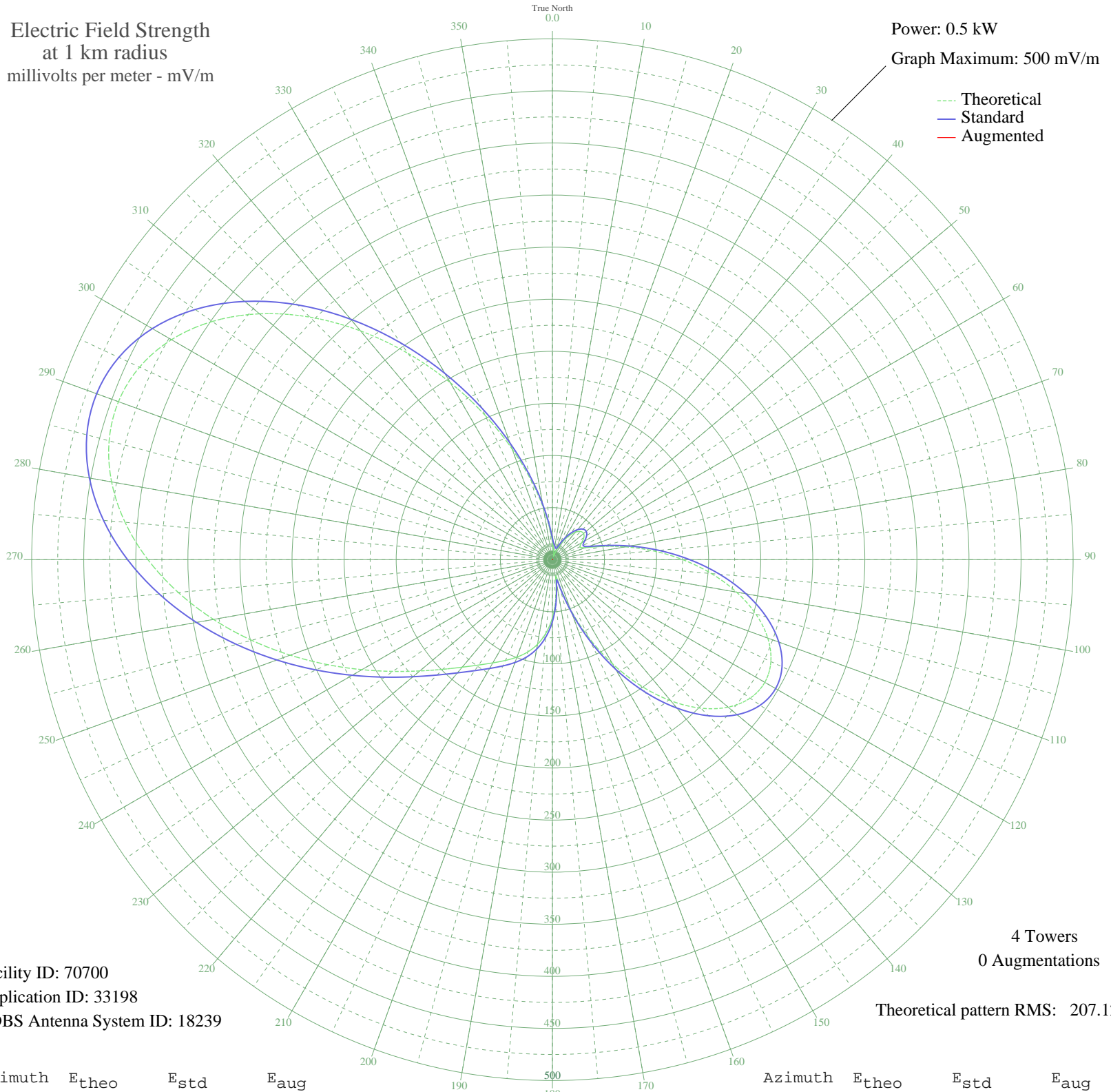


# WAGY FOREST CITY, NC BL-19810811AA 1320 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 70700  
Application ID: 33198  
CDBS Antenna System ID: 18239

4 Towers  
0 Augmentations

Theoretical pattern RMS: 207.12

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	17.03	20.74	
5	10.87	15.51	
10	7.81	13.32	
15	4.34	11.45	
20	4.88	11.68	
25	11.97	16.37	
30	20.24	23.71	
35	28.08	31.30	
40	34.37	37.59	
45	38.25	41.51	
50	39.11	42.39	
55	36.87	40.11	
60	32.42	35.63	
65	29.19	32.40	
70	33.81	37.02	
75	48.86	52.37	
80	71.02	75.31	
85	97.19	102.59	
90	125.22	131.90	
95	153.27	161.28	
100	179.56	188.83	
105	202.36	212.74	
110	220.11	231.35	
115	231.48	243.28	
120	235.53	247.53	
125	231.77	243.59	
130	220.26	231.52	
135	201.59	211.93	
140	176.84	185.98	
145	147.50	155.23	
150	115.35	121.57	
155	82.29	87.04	
160	50.42	53.97	
165	23.27	26.59	
170	18.87	22.42	
175	37.48	40.73	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	55.73	59.45	
185	70.70	74.98	
190	82.50	87.26	
195	91.80	96.96	
200	99.53	105.04	
205	106.73	112.56	
210	114.40	120.58	
215	123.48	130.07	
220	134.74	141.87	
225	148.84	156.63	
230	166.18	174.81	
235	186.98	196.61	
240	211.17	221.97	
245	238.38	250.51	
250	267.97	281.57	
255	299.04	314.16	
260	330.40	347.07	
265	360.68	378.86	
270	388.38	407.93	
275	411.92	432.65	
280	429.81	451.42	
285	440.67	462.82	
290	443.43	465.71	
295	437.40	459.38	
300	422.37	443.61	
305	398.66	418.73	
310	367.16	385.66	
315	329.25	345.88	
320	286.74	301.26	
325	241.71	254.01	
330	196.37	206.45	
335	152.85	160.84	
340	113.10	119.22	
345	78.68	83.28	
350	50.75	54.31	
355	30.07	33.28	

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