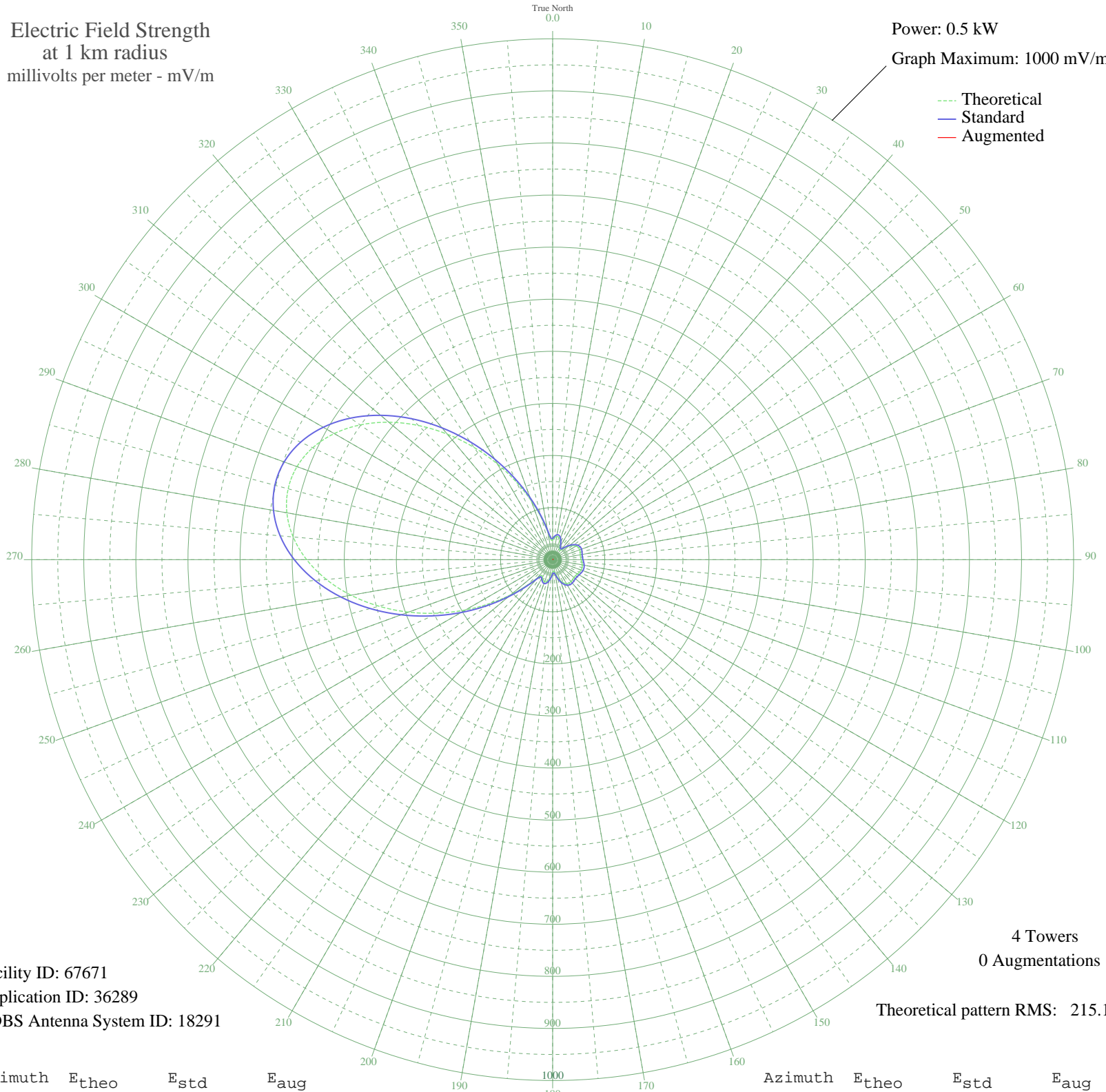


WGOC KINGSFORT, TN BL-19811127AF 1320 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 1000 mV/m



Facility ID: 67671
Application ID: 36289
CDBS Antenna System ID: 18291

4 Towers
0 Augmentations

Theoretical pattern RMS: 215.12

Azimuth	E _{theo}	E _{std}	E _{aug}
0	37.46	40.71	
5	41.96	45.29	
10	45.22	48.63	
15	44.91	48.31	
20	40.94	44.25	
25	34.28	37.50	
30	26.87	30.10	
35	22.25	25.61	
40	24.23	27.52	
45	31.35	34.55	
50	39.64	42.92	
55	46.82	50.27	
60	51.90	55.50	
65	54.63	58.31	
70	55.30	59.00	
75	54.68	58.36	
80	53.81	57.46	
85	53.62	57.27	
90	54.49	58.17	
95	56.10	59.84	
100	57.66	61.45	
105	58.41	62.23	
110	58.00	61.79	
115	56.58	60.33	
120	54.80	58.49	
125	53.51	57.16	
130	53.27	56.91	
135	53.98	57.65	
140	54.86	58.55	
145	54.84	58.53	
150	53.01	56.64	
155	48.86	52.37	
160	42.42	45.76	
165	34.34	37.55	
170	26.30	29.54	
175	21.75	25.13	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	24.08	27.38	
185	31.01	34.21	
190	38.31	41.58	
195	43.52	46.88	
200	45.32	48.73	
205	43.33	46.70	
210	38.77	42.04	
215	36.74	39.98	
220	46.43	49.87	
225	70.35	74.61	
230	104.61	110.34	
235	146.19	153.85	
240	192.97	202.89	
245	243.07	255.43	
250	294.50	309.40	
255	345.21	362.62	
260	393.08	412.86	
265	436.05	457.98	
270	472.24	495.96	
275	500.00	525.10	
280	518.07	544.07	
285	525.61	551.99	
290	522.29	548.50	
295	508.24	533.75	
300	484.12	508.43	
305	451.03	473.70	
310	410.49	431.14	
315	364.29	382.64	
320	314.43	330.32	
325	263.03	276.38	
330	212.18	223.04	
335	163.89	172.40	
340	120.08	126.52	
345	82.72	87.49	
350	54.38	58.05	
355	38.94	42.21	