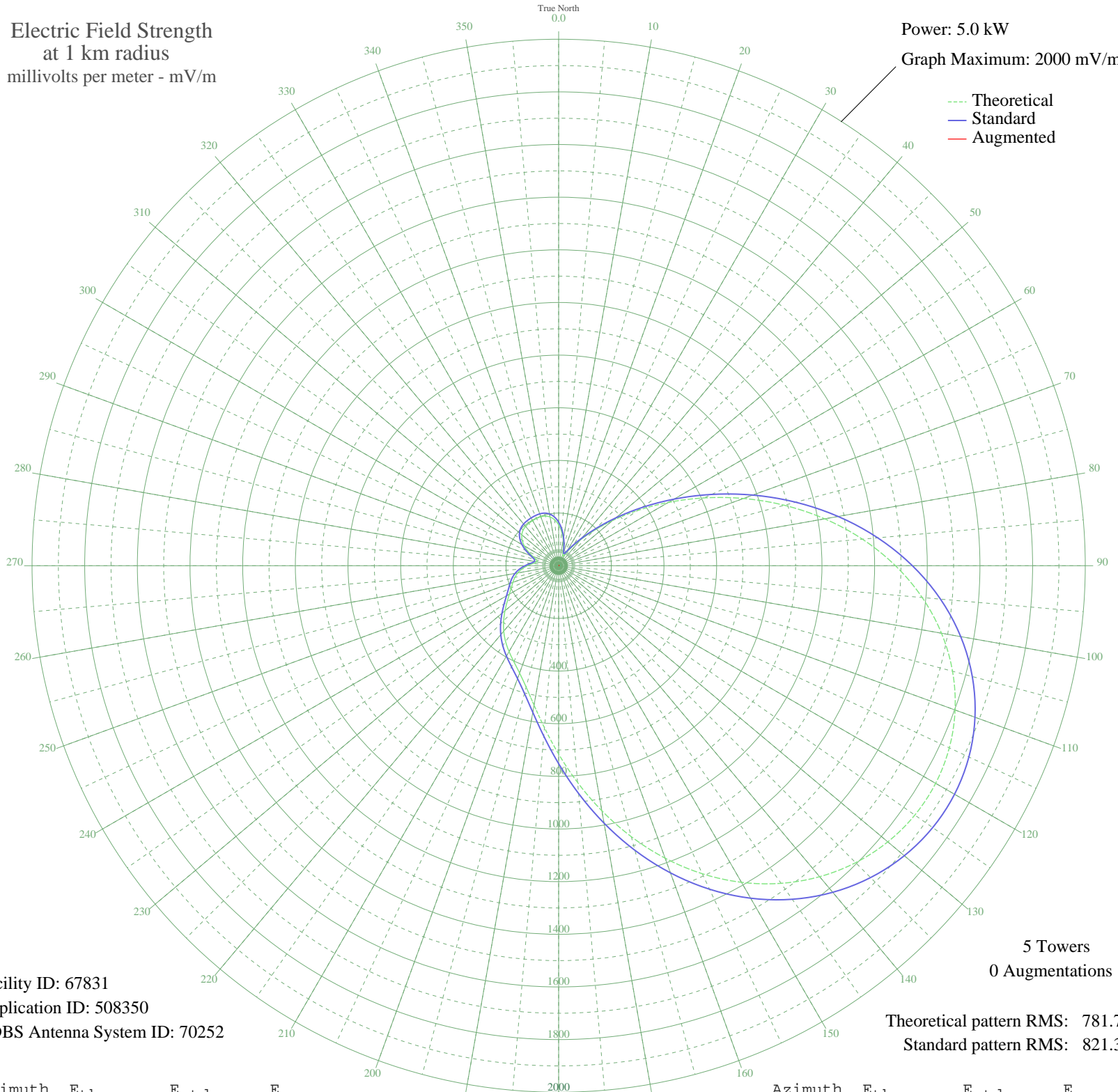


# WWBG GREENSBORO, NC BL-20000711AAW 1470 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 67831  
Application ID: 508350  
CDBS Antenna System ID: 70252

5 Towers  
0 Augmentations

Theoretical pattern RMS: 781.72  
Standard pattern RMS: 821.31

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	155.25	165.52	
5	129.43	138.91	
10	99.61	108.47	
15	69.40	78.33	
20	45.21	55.49	
25	39.42	50.39	
30	55.84	65.30	
35	85.23	93.99	
40	127.78	137.21	
45	187.54	199.00	
50	266.84	281.65	
55	365.42	384.76	
60	480.94	505.80	
65	609.65	640.78	
70	746.87	784.74	
75	887.44	932.25	
80	1026.15	1077.84	
85	1158.15	1216.40	
90	1279.26	1343.53	
95	1386.15	1455.74	
100	1476.46	1550.55	
105	1548.74	1626.43	
110	1602.30	1682.66	
115	1637.04	1719.13	
120	1653.25	1736.15	
125	1651.36	1734.16	
130	1631.86	1713.70	
135	1595.26	1675.27	
140	1542.03	1619.39	
145	1472.84	1546.75	
150	1388.64	1458.36	
155	1290.98	1355.83	
160	1182.16	1241.60	
165	1065.46	1119.10	
170	945.20	992.88	
175	826.64	868.45	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	715.62	751.95	
185	617.87	649.40	
190	537.84	565.46	
195	477.19	501.88	
200	433.80	456.40	
205	402.35	423.45	
210	376.55	396.42	
215	351.42	370.11	
220	324.44	341.87	
225	295.44	311.54	
230	266.08	280.86	
235	238.89	252.48	
240	216.15	228.77	
245	198.63	210.54	
250	185.01	196.37	
255	172.37	183.26	
260	157.78	168.15	
265	139.60	149.37	
270	118.38	127.58	
275	97.67	106.50	
280	84.81	93.57	
285	87.62	96.38	
290	104.80	113.73	
295	128.02	137.46	
300	150.69	160.82	
305	169.39	180.17	
310	182.79	194.07	
315	191.01	202.61	
320	195.15	206.91	
325	196.85	208.68	
330	197.61	209.47	
335	198.10	209.98	
340	197.80	209.67	
345	195.12	206.88	
350	188.07	199.55	
355	175.01	185.99	

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