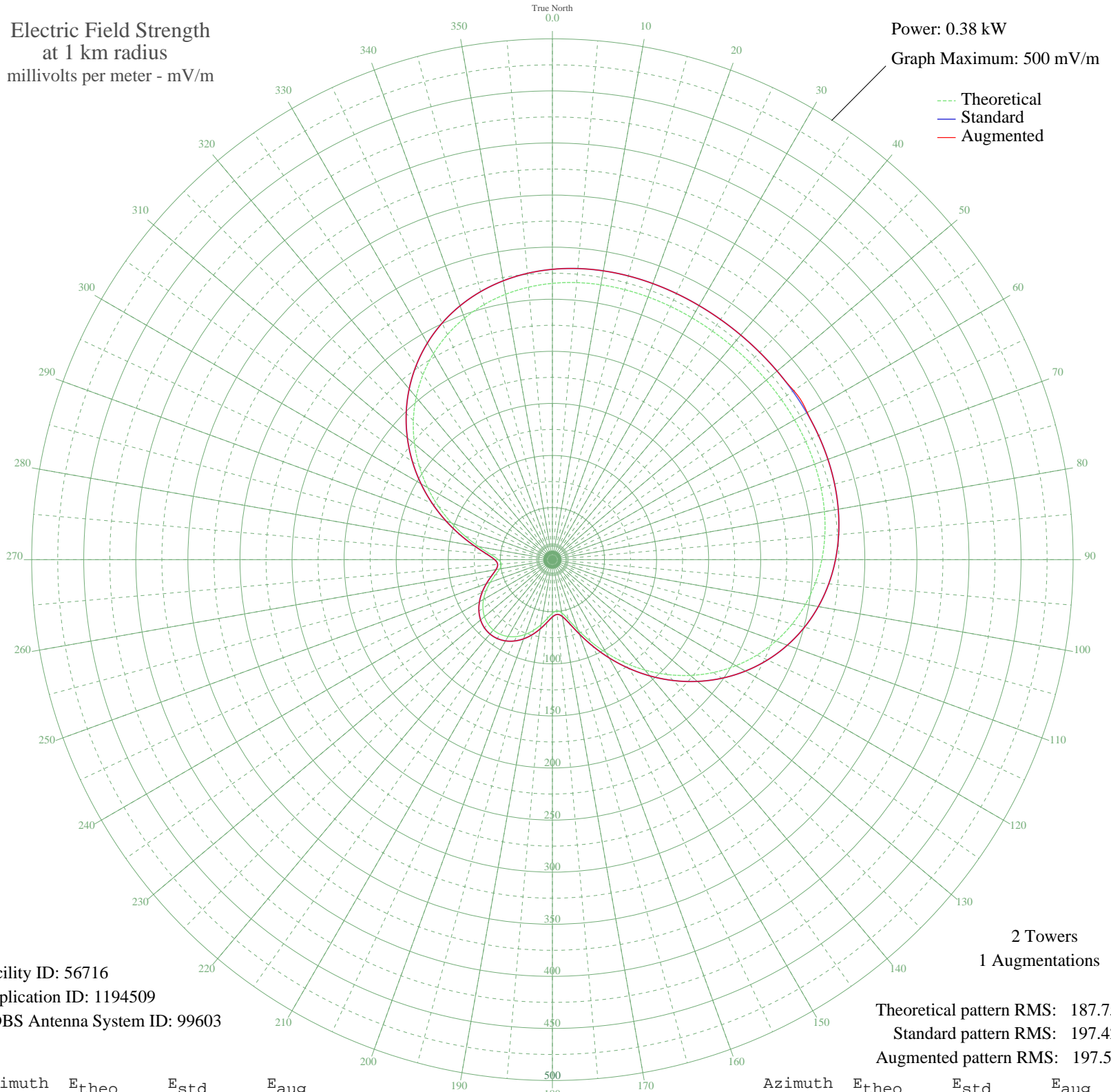


# WGOK MOBILE, AL BL-20070702DKD 900 kHz

Nighttime

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

Power: 0.38 kW  
Graph Maximum: 500 mV/m



Facility ID: 56716  
Application ID: 1194509  
CDBS Antenna System ID: 99603

2 Towers  
1 Augmentations

Theoretical pattern RMS: 187.75  
Standard pattern RMS: 197.42  
Augmented pattern RMS: 197.50

Azimuth	Etheo	Estd	Eaug
0	265.26	278.72	278.72
5	266.98	280.53	280.53
10	267.95	281.54	281.54
15	268.36	281.98	281.98
20	268.41	282.03	282.03
25	268.26	281.87	281.87
30	268.06	281.65	281.65
35	267.89	281.48	281.48
40	267.83	281.41	281.41
45	267.89	281.48	281.48
50	268.06	281.65	281.65
55	268.26	281.87	282.96
60	268.41	282.03	282.60
65	268.36	281.98	281.98
70	267.95	281.54	281.54
75	266.98	280.53	280.53
80	265.26	278.72	278.72
85	262.56	275.89	275.89
90	258.70	271.84	271.84
95	253.48	266.36	266.36
100	246.76	259.32	259.32
105	238.43	250.58	250.58
110	228.44	240.09	240.09
115	216.78	227.86	227.86
120	203.52	213.96	213.96
125	188.82	198.53	198.53
130	172.86	181.81	181.81
135	155.94	164.07	164.07
140	138.39	145.69	145.69
145	120.62	127.09	127.09
150	103.15	108.81	108.81
155	86.57	91.51	91.51
160	71.73	76.04	76.04
165	59.71	63.57	63.57
170	51.87	55.47	55.47
175	49.24	52.76	52.76

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	51.44	55.02	55.02
185	56.78	60.54	60.54
190	63.47	67.47	67.47
195	70.25	74.51	74.51
200	76.37	80.88	80.88
205	81.42	86.13	86.13
210	85.15	90.02	90.02
215	87.43	92.40	92.40
220	88.20	93.20	93.20
225	87.43	92.40	92.40
230	85.15	90.02	90.02
235	81.42	86.13	86.13
240	76.37	80.88	80.88
245	70.25	74.51	74.51
250	63.47	67.47	67.47
255	56.78	60.54	60.54
260	51.44	55.02	55.02
265	49.24	52.76	52.76
270	51.87	55.47	55.47
275	59.71	63.57	63.57
280	71.73	76.04	76.04
285	86.57	91.51	91.51
290	103.15	108.81	108.81
295	120.62	127.09	127.09
300	138.39	145.69	145.69
305	155.94	164.07	164.07
310	172.86	181.81	181.81
315	188.82	198.53	198.53
320	203.52	213.96	213.96
325	216.78	227.86	227.86
330	228.44	240.09	240.09
335	238.43	250.58	250.58
340	246.76	259.32	259.32
345	253.48	266.36	266.36
350	258.70	271.84	271.84
355	262.56	275.89	275.89