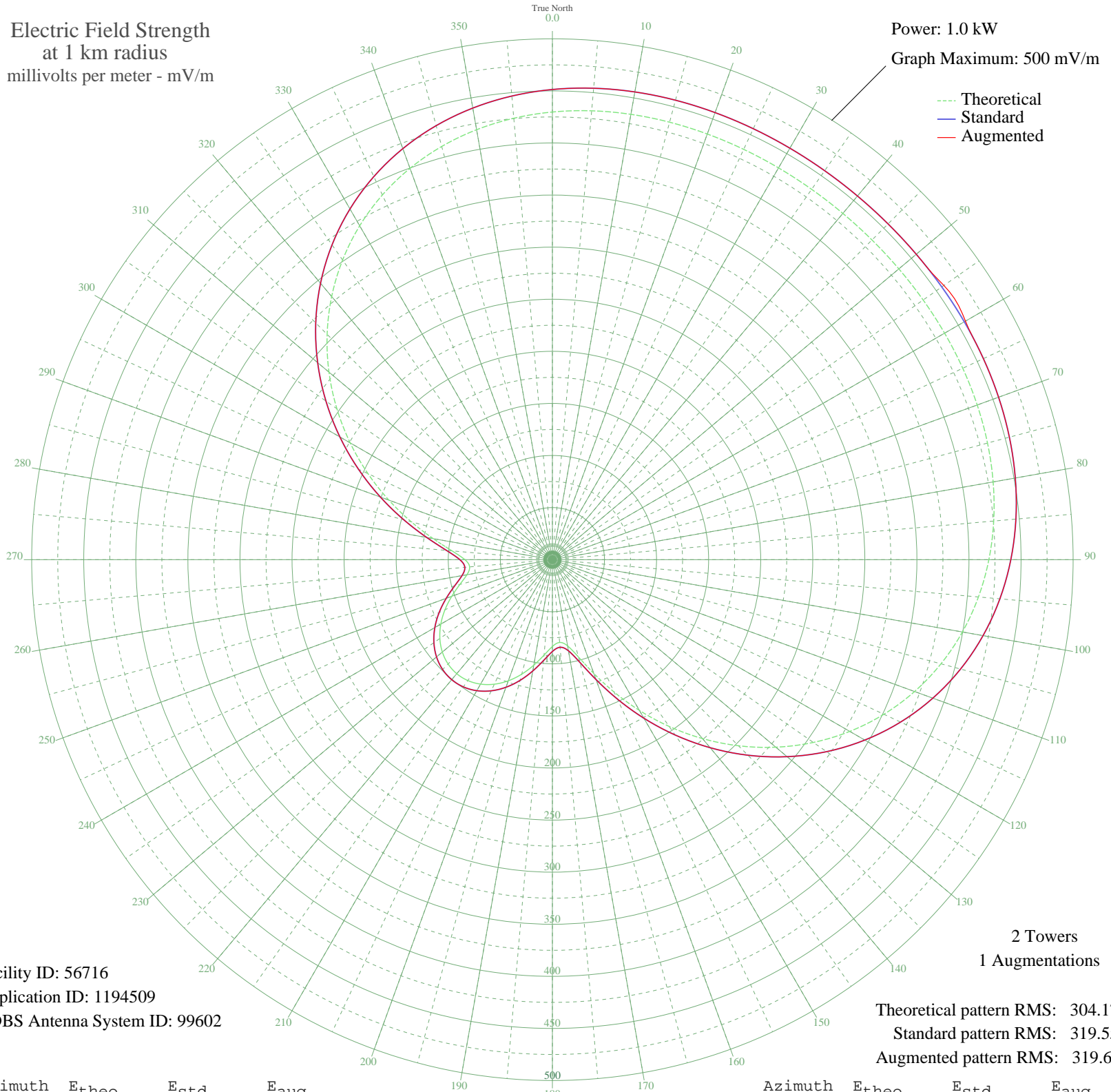


# WGOK MOBILE, AL BL-20070702DKD 900 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 56716  
Application ID: 1194509  
CDBS Antenna System ID: 99602

2 Towers  
1 Augmentations

Theoretical pattern RMS: 304.17  
Standard pattern RMS: 319.55  
Augmented pattern RMS: 319.63

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	429.74	451.35	451.35
5	432.53	454.28	454.28
10	434.10	455.93	455.93
15	434.77	456.63	456.63
20	434.85	456.71	456.71
25	434.61	456.46	456.46
30	434.27	456.11	456.11
35	434.00	455.82	455.82
40	433.90	455.71	455.71
45	434.00	455.82	455.82
50	434.27	456.11	456.11
55	434.61	456.46	458.90
60	434.85	456.71	458.00
65	434.77	456.63	456.63
70	434.10	455.93	455.93
75	432.53	454.28	454.28
80	429.74	451.35	451.35
85	425.37	446.76	446.76
90	419.11	440.19	440.19
95	410.66	431.32	431.32
100	399.78	419.90	419.90
105	386.28	405.73	405.73
110	370.09	388.73	388.73
115	351.20	368.91	368.91
120	329.72	346.37	346.37
125	305.90	321.36	321.36
130	280.05	294.24	294.24
135	252.63	265.47	265.47
140	224.20	235.64	235.64
145	195.42	205.46	205.46
150	167.10	175.77	175.77
155	140.26	147.64	147.64
160	116.20	122.46	122.46
165	96.73	102.11	102.11
170	84.04	88.86	88.86
175	79.77	84.41	84.41

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	83.33	88.13	88.13
185	91.99	97.16	97.16
190	102.83	108.48	108.48
195	113.81	119.96	119.96
200	123.73	130.34	130.34
205	131.91	138.90	138.90
210	137.95	145.23	145.23
215	141.65	149.10	149.10
220	142.89	150.40	150.40
225	141.65	149.10	149.10
230	137.95	145.23	145.23
235	131.91	138.90	138.90
240	123.73	130.34	130.34
245	113.81	119.96	119.96
250	102.83	108.48	108.48
255	91.99	97.16	97.16
260	83.33	88.13	88.13
265	79.77	84.41	84.41
270	84.04	88.86	88.86
275	96.73	102.11	102.11
280	116.20	122.46	122.46
285	140.26	147.64	147.64
290	167.10	175.77	175.77
295	195.42	205.46	205.46
300	224.20	235.64	235.64
305	252.63	265.47	265.47
310	280.05	294.24	294.24
315	305.90	321.36	321.36
320	329.72	346.37	346.37
325	351.20	368.91	368.91
330	370.09	388.73	388.73
335	386.28	405.73	405.73
340	399.78	419.90	419.90
345	410.66	431.32	431.32
350	419.11	440.19	440.19
355	425.37	446.76	446.76

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