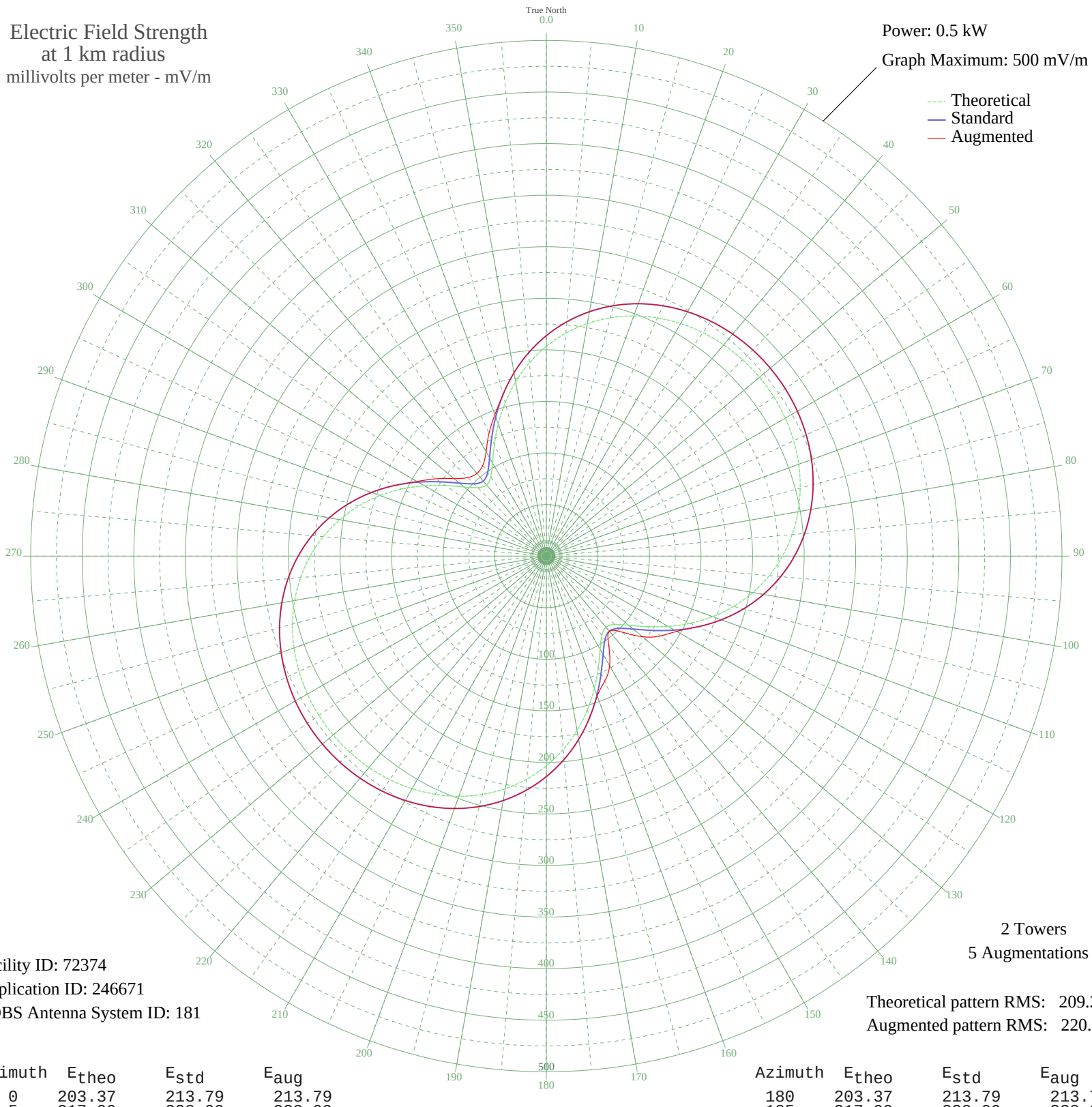
WUUS ROSSVILLE, GA BL-19970523AF 980 kHz

Daytime

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



Power: 0.5 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

Facility ID: 72374
Application ID: 246671
CDBS Antenna System ID: 181

2 Towers
5 Augmentations

Theoretical pattern RMS: 209.21
Augmented pattern RMS: 220.73

Azimuth	E_{theo}	E_{std}	E_{aug}
0	203.37	213.79	213.79
5	217.00	228.09	228.09
10	228.96	240.63	240.63
15	239.22	251.40	251.40
20	247.82	260.42	260.42
25	254.85	267.80	267.80
30	260.40	273.62	273.62
35	264.59	278.02	278.02
40	267.50	281.07	281.07
45	269.22	282.87	282.87
50	269.78	283.47	283.47
55	269.22	282.87	282.87
60	267.50	281.07	281.07
65	264.59	278.02	278.02
70	260.40	273.62	273.62
75	254.85	267.80	267.80
80	247.82	260.42	260.42
85	239.22	251.40	251.40
90	228.96	240.63	240.63
95	217.00	228.09	228.09
100	203.37	213.79	213.79
105	188.16	197.85	197.85
110	171.61	180.49	180.49
115	154.11	162.15	162.15
120	136.30	143.50	145.97
125	119.20	125.60	134.98
130	104.34	110.06	121.59
135	93.86	99.11	104.33
140	90.02	95.10	95.10
145	93.86	99.11	105.43
150	104.34	110.06	122.75
155	119.20	125.60	133.83
160	136.30	143.50	144.33
165	154.11	162.15	162.15
170	171.61	180.49	180.49
175	188.16	197.85	197.85

Azimuth	E_{theo}	E_{std}	E_{aug}
180	203.37	213.79	213.79
185	217.00	228.09	228.09
190	228.96	240.63	240.63
195	239.22	251.40	251.40
200	247.82	260.42	260.42
205	254.85	267.80	267.80
210	260.40	273.62	273.62
215	264.59	278.02	278.02
220	267.50	281.07	281.07
225	269.22	282.87	282.87
230	269.78	283.47	283.47
235	269.22	282.87	282.87
240	267.50	281.07	281.07
245	264.59	278.02	278.02
250	260.40	273.62	273.62
255	254.85	267.80	267.80
260	247.82	260.42	260.42
265	239.22	251.40	251.40
270	228.96	240.63	240.63
275	217.00	228.09	228.09
280	203.37	213.79	213.79
285	188.16	197.85	197.85
290	171.61	180.49	180.49
295	154.11	162.15	162.15
300	136.30	143.50	144.83
305	119.20	125.60	130.71
310	104.34	110.06	116.94
315	93.86	99.11	107.70
320	90.02	95.10	104.69
325	93.86	99.11	107.45
330	104.35	110.06	116.79
335	119.20	125.60	131.47
340	136.30	143.50	145.93
345	154.11	162.15	162.22
350	171.61	180.49	180.49
355	188.16	197.85	197.85

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission