

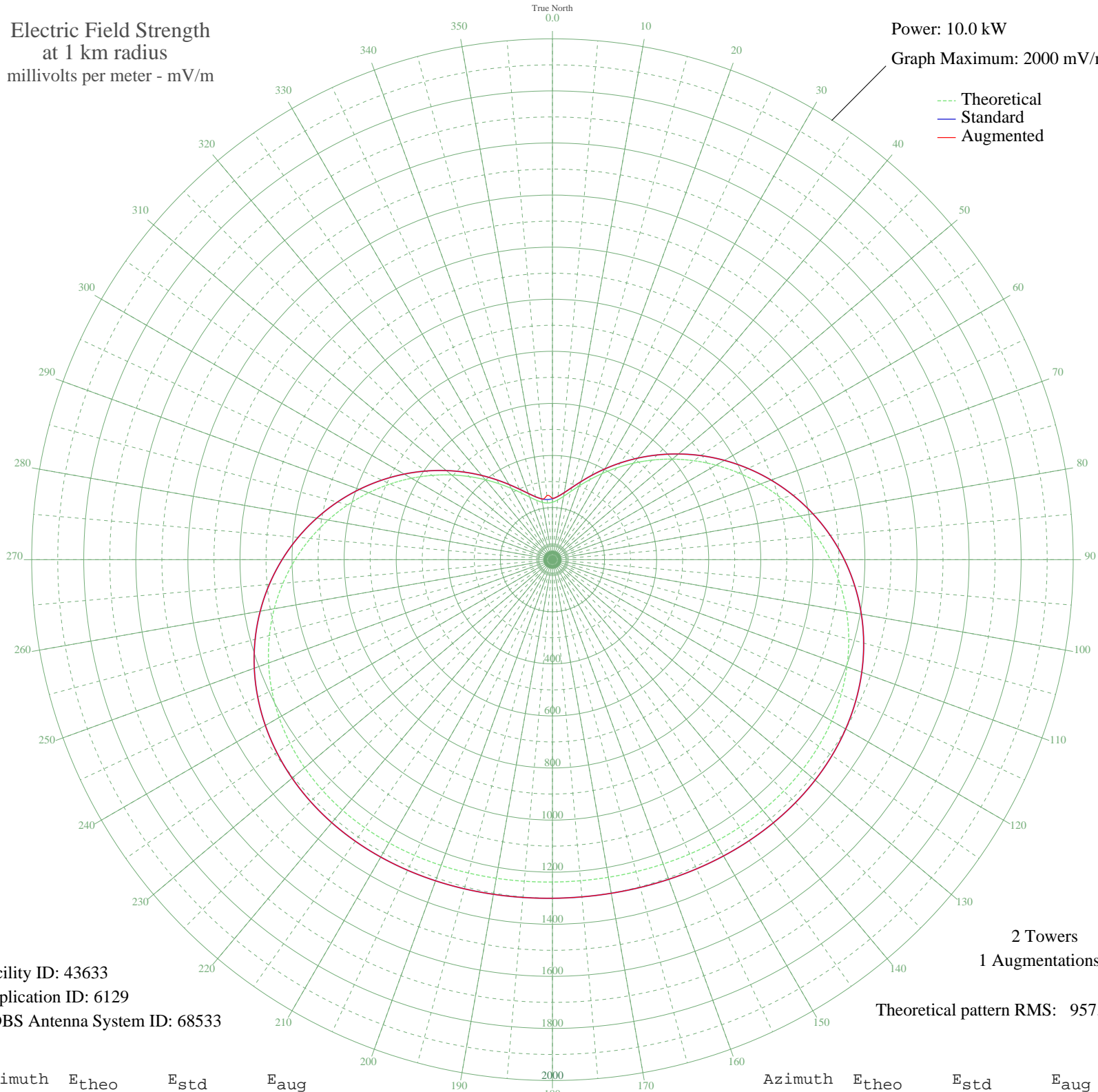
WACV MONTGOMERY, AL BL-19781129AC 1170 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 43633
Application ID: 6129
CDBS Antenna System ID: 68533

2 Towers
1 Augmentations

Theoretical pattern RMS: 957.56

Azimuth	E _{theo}	E _{std}	E _{aug}
0	220.57	233.96	235.56
5	230.15	243.93	243.93
10	247.01	261.47	261.47
15	270.93	286.41	286.41
20	301.66	318.48	318.48
25	338.80	357.29	357.29
30	381.90	402.36	402.36
35	430.35	453.09	453.09
40	483.49	508.75	508.75
45	540.51	568.51	568.51
50	600.54	631.44	631.44
55	662.59	696.51	696.51
60	725.63	762.64	762.64
65	788.62	828.72	828.72
70	850.48	893.62	893.62
75	910.17	956.26	956.26
80	966.74	1015.62	1015.62
85	1019.34	1070.82	1070.82
90	1067.24	1121.09	1121.09
95	1109.88	1165.85	1165.85
100	1146.91	1204.71	1204.71
105	1178.14	1237.49	1237.49
110	1203.58	1264.20	1264.20
115	1223.44	1285.05	1285.05
120	1238.09	1300.42	1300.42
125	1248.03	1310.85	1310.85
130	1253.89	1317.00	1317.00
135	1256.36	1319.59	1319.59
140	1256.18	1319.41	1319.41
145	1254.12	1317.24	1317.24
150	1250.89	1313.85	1313.85
155	1247.17	1309.94	1309.94
160	1243.54	1306.14	1306.14
165	1240.49	1302.94	1302.94
170	1238.40	1300.74	1300.74
175	1237.50	1299.80	1299.80

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1237.89	1300.21	1300.21
185	1239.52	1301.92	1301.92
190	1242.22	1304.76	1304.76
195	1245.67	1308.38	1308.38
200	1249.42	1312.32	1312.32
205	1252.93	1315.99	1315.99
210	1255.54	1318.74	1318.74
215	1256.56	1319.81	1319.81
220	1255.24	1318.42	1318.42
225	1250.82	1313.79	1313.79
230	1242.60	1305.15	1305.15
235	1229.90	1291.82	1291.82
240	1212.18	1273.22	1273.22
245	1189.00	1248.89	1248.89
250	1160.10	1218.56	1218.56
255	1125.38	1182.12	1182.12
260	1084.95	1139.68	1139.68
265	1039.10	1091.56	1091.56
270	988.30	1038.25	1038.25
275	933.23	980.45	980.45
280	874.67	919.00	919.00
285	813.56	854.88	854.88
290	750.90	789.14	789.14
295	687.75	722.90	722.90
300	625.17	657.27	657.27
305	564.22	593.36	593.36
310	505.88	532.21	532.21
315	451.09	474.81	474.81
320	400.67	422.01	422.01
325	355.36	374.60	374.60
330	315.77	333.22	333.22
335	282.43	298.40	298.40
340	255.74	270.57	270.57
345	236.03	250.05	250.05
350	223.52	237.03	237.03
355	218.35	231.66	246.47

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