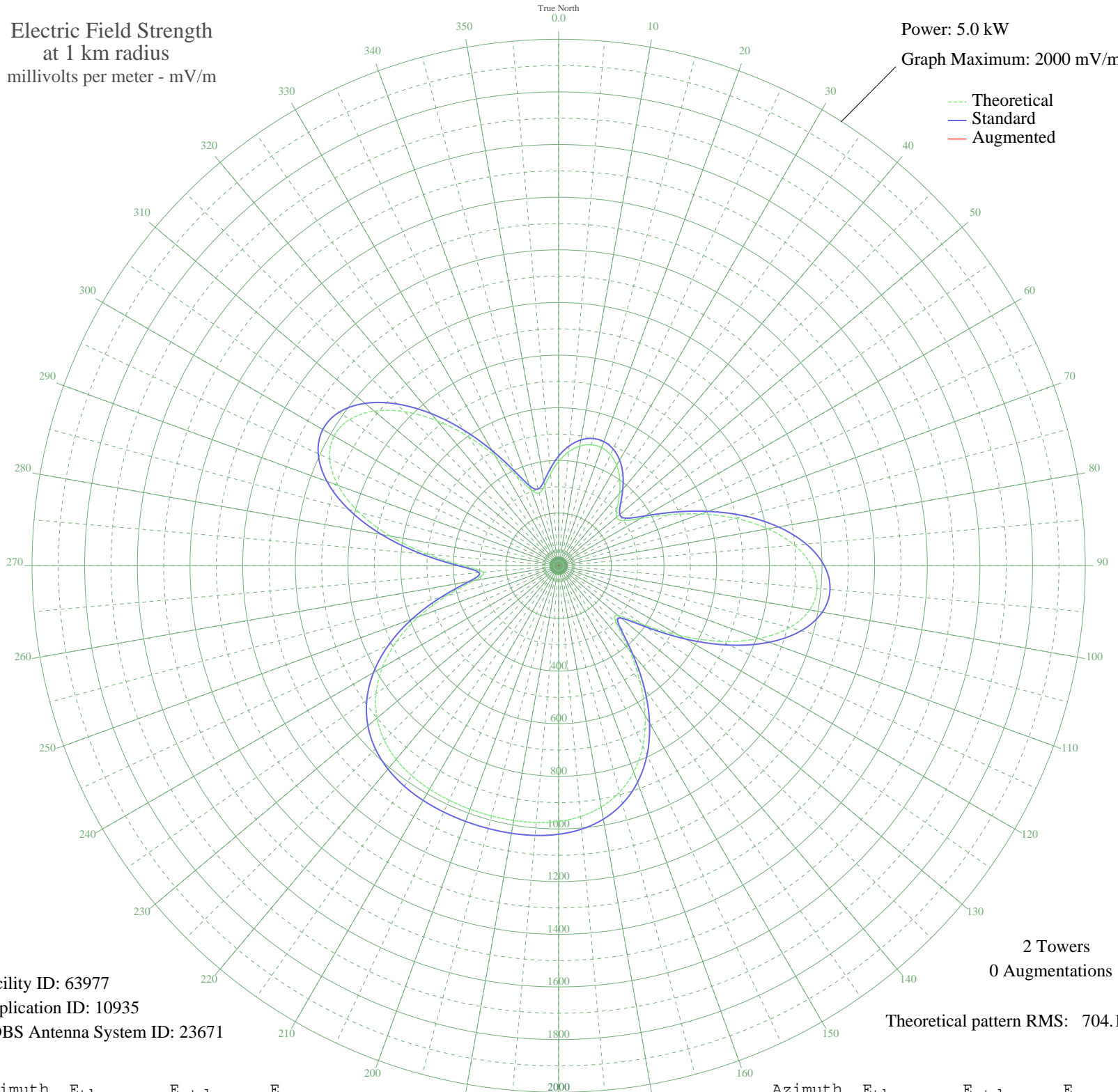


WXVI MONTGOMERY, AL BL-19790601AA 1600 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 63977
Application ID: 10935
CDBS Antenna System ID: 23671

2 Towers
0 Augmentations

Theoretical pattern RMS: 704.10

Azimuth	E _{theo}	E _{std}	E _{aug}
0	395.94	416.40	
5	434.20	456.52	
10	461.45	485.09	
15	476.03	500.38	
20	477.36	501.78	
25	465.41	489.24	
30	440.61	463.24	
35	404.33	425.19	
40	360.01	378.74	
45	315.68	332.30	
50	287.74	303.04	
55	299.01	314.84	
60	359.69	378.40	
65	457.70	481.16	
70	574.77	603.97	
75	695.55	730.70	
80	807.27	847.96	
85	898.79	944.02	
90	960.53	1008.83	
95	985.08	1034.61	
100	967.97	1016.64	
105	908.33	954.03	
110	809.39	850.18	
115	678.89	713.22	
120	530.07	557.06	
125	386.05	406.04	
130	293.50	309.06	
135	311.76	328.19	
140	415.09	436.47	
145	540.01	567.50	
150	657.08	690.33	
155	755.92	794.06	
160	833.70	875.70	
165	891.15	936.00	
170	930.86	977.69	
175	956.33	1004.42	

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	971.26	1020.09	
185	979.08	1028.30	
190	982.61	1032.01	
195	983.89	1033.35	
200	983.98	1033.45	
205	983.00	1032.42	
210	980.05	1029.32	
215	973.29	1022.23	
220	960.04	1008.32	
225	936.97	984.10	
230	900.40	945.72	
235	846.75	889.40	
240	773.18	812.17	
245	678.47	712.78	
250	564.55	593.24	
255	439.73	462.31	
260	328.06	345.26	
265	287.34	302.62	
270	361.30	380.10	
275	499.85	525.37	
280	650.04	682.95	
285	785.48	825.09	
290	891.50	936.37	
295	959.40	1007.64	
300	985.08	1034.60	
305	968.61	1017.31	
310	913.79	959.77	
315	827.52	869.22	
320	718.99	755.31	
325	599.07	629.46	
330	480.13	504.69	
335	376.91	396.45	
340	307.33	323.55	
345	286.18	301.41	
350	308.08	324.33	
355	350.77	369.05	