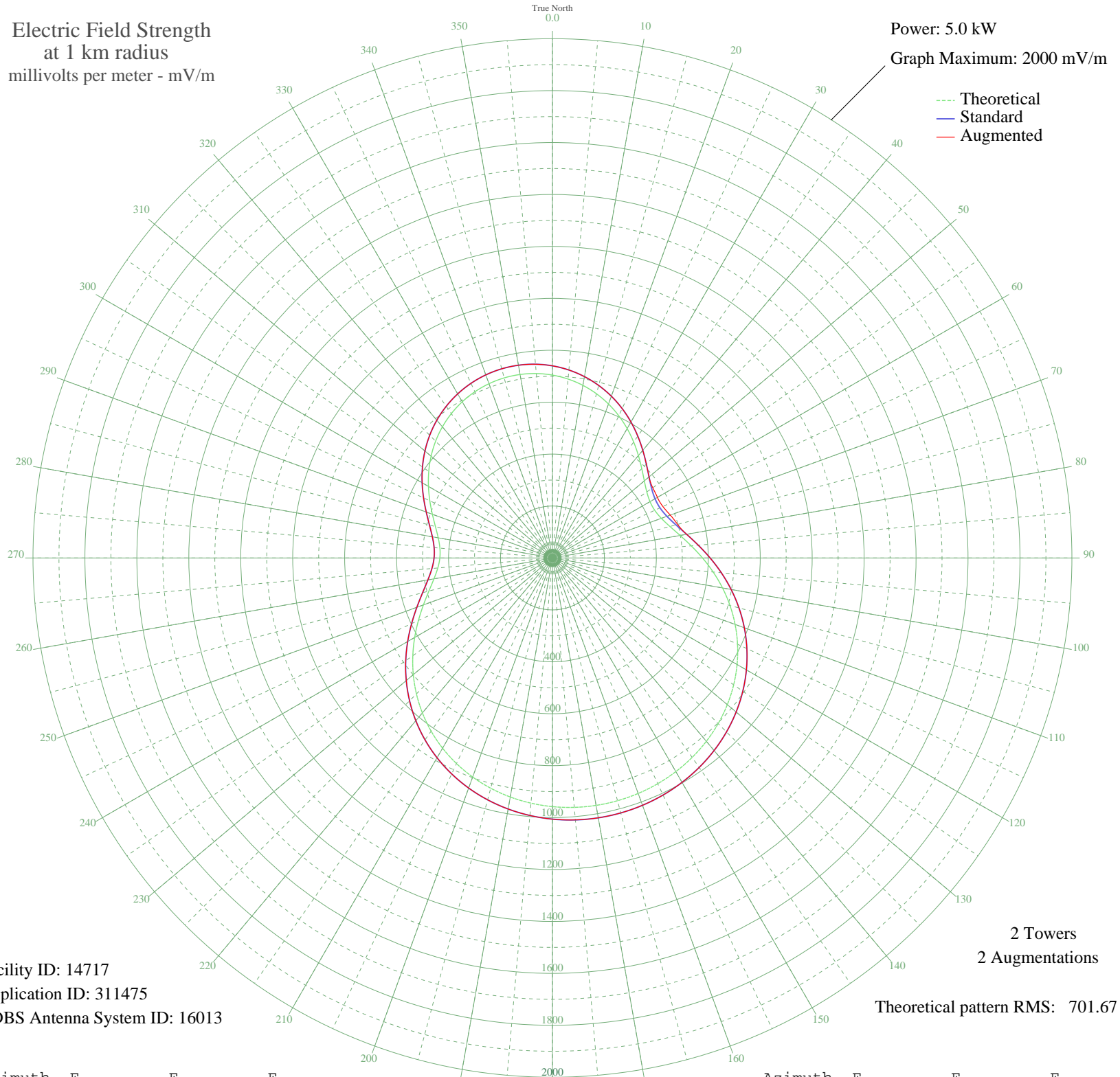


WCBC CUMBERLAND, MD BL-- 1270 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 14717
Application ID: 311475
CDBS Antenna System ID: 16013

2 Towers
2 Augmentations
Theoretical pattern RMS: 701.67

Azimuth	E _{theo}	E _{std}	E _{aug}
0	704.36	739.95	739.95
5	691.68	726.65	726.65
10	675.09	709.23	709.23
15	654.76	687.90	687.90
20	631.02	662.99	662.99
25	604.33	634.98	634.98
30	575.38	604.61	604.61
35	545.13	572.87	572.87
40	514.91	541.17	541.17
45	486.43	511.29	511.29
50	461.83	485.49	485.49
55	443.51	466.27	471.49
60	433.82	456.11	466.71
65	434.52	456.85	469.14
70	446.26	469.16	482.80
75	468.37	492.35	498.90
80	499.16	524.64	524.64
85	536.38	563.69	563.69
90	577.74	607.08	607.08
95	621.18	652.66	652.66
100	664.97	698.61	698.61
105	707.74	743.50	743.50
110	748.45	786.22	786.22
115	786.34	825.99	825.99
120	820.90	862.26	862.26
125	851.82	894.72	894.72
130	878.96	923.20	923.20
135	902.27	947.68	947.68
140	921.84	968.22	968.22
145	937.77	984.94	984.94
150	950.22	998.01	998.01
155	959.32	1007.56	1007.56
160	965.21	1013.75	1013.75
165	967.98	1016.65	1016.65
170	967.68	1016.33	1016.33
175	964.29	1012.77	1012.77

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	957.76	1005.93	1005.93
185	948.00	995.68	995.68
190	934.87	981.90	981.90
195	918.22	964.42	964.42
200	897.91	943.10	943.10
205	873.83	917.83	917.83
210	845.94	888.55	888.55
215	814.27	855.31	855.31
220	779.01	818.30	818.30
225	740.51	777.89	777.89
230	699.32	734.66	734.66
235	656.25	689.47	689.47
240	612.41	643.46	643.46
245	569.24	598.16	598.16
250	528.53	555.45	555.45
255	492.41	517.56	517.56
260	463.19	486.92	486.92
265	443.04	465.78	465.78
270	433.49	455.77	455.77
275	434.97	457.32	457.32
280	446.55	469.47	469.47
285	466.33	490.21	490.21
290	491.89	517.02	517.02
295	520.88	547.43	547.43
300	551.23	579.27	579.27
305	581.31	610.83	610.83
310	609.87	640.80	640.80
315	636.02	668.23	668.23
320	659.11	692.46	692.46
325	678.71	713.03	713.03
330	694.54	729.64	729.64
335	706.42	742.11	742.11
340	714.24	750.32	750.32
345	717.96	754.22	754.22
350	717.54	753.79	753.79
355	713.00	749.02	749.02