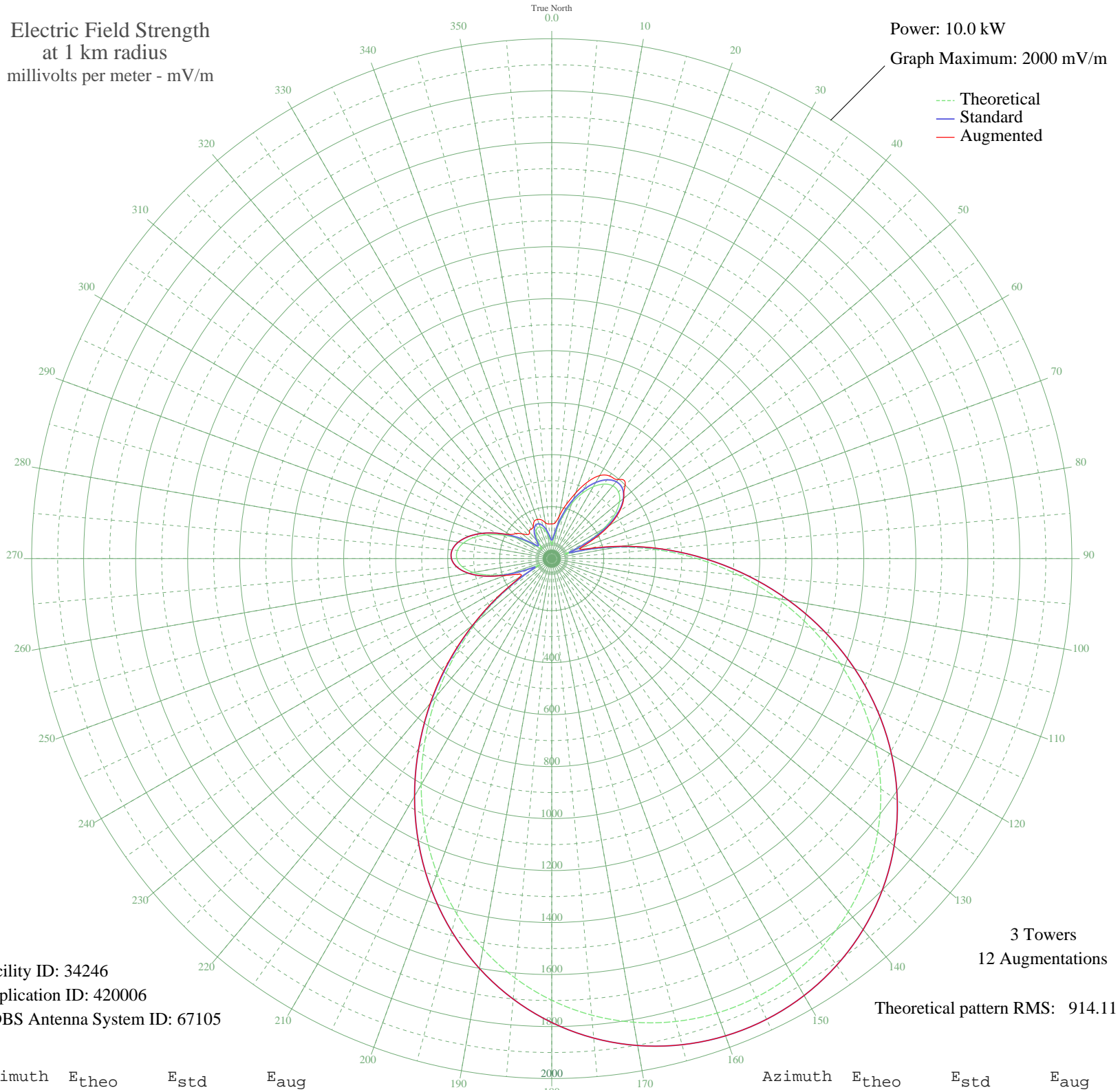


WGVN GEORGETOWN, KY -- 1580 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 34246
Application ID: 420006
CDBS Antenna System ID: 67105

3 Towers
12 Augmentations
Theoretical pattern RMS: 914.11

Azimuth	E _{theo}	E _{std}	E _{aug}
0	53.25	70.81	133.59
5	73.34	88.42	137.38
10	118.91	132.20	166.04
15	172.48	186.24	215.21
20	226.75	242.02	268.36
25	277.08	294.16	325.14
30	319.43	338.20	369.00
35	350.05	370.11	387.90
40	365.52	386.25	397.52
45	362.93	383.55	399.24
50	340.07	359.71	361.53
55	295.65	313.46	318.89
60	229.61	244.97	256.39
65	144.22	157.54	179.41
70	58.58	75.30	116.02
75	115.92	129.24	153.42
80	250.64	266.73	275.66
85	401.13	423.42	426.39
90	559.36	588.93	589.52
95	720.41	757.67	757.67
100	880.00	925.02	925.02
105	1034.36	1086.94	1086.94
110	1180.27	1240.04	1240.04
115	1315.13	1381.57	1381.57
120	1436.96	1509.43	1509.43
125	1544.38	1622.18	1622.18
130	1636.55	1718.92	1718.92
135	1713.02	1799.19	1799.19
140	1773.67	1862.86	1862.86
145	1818.57	1909.99	1909.99
150	1847.87	1940.74	1940.74
155	1861.70	1955.27	1955.27
160	1860.17	1953.66	1953.66
165	1843.25	1935.90	1935.90
170	1810.84	1901.88	1901.88
175	1762.80	1851.45	1851.45

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	1698.99	1784.47	1784.47
185	1619.36	1700.88	1700.88
190	1524.10	1600.89	1600.89
195	1413.71	1485.03	1485.03
200	1289.14	1354.30	1354.30
205	1151.90	1210.27	1210.27
210	1004.07	1055.17	1055.17
215	848.39	891.86	891.97
220	688.19	723.90	727.39
225	527.34	555.41	562.16
230	370.23	391.17	395.01
235	222.02	237.14	244.75
240	92.97	106.85	141.25
245	71.59	86.82	142.34
250	162.55	176.12	188.48
255	244.49	260.36	260.36
260	306.28	324.52	324.52
265	346.34	366.25	366.25
270	365.02	385.72	385.72
275	363.79	384.44	384.44
280	345.04	364.88	364.88
285	311.78	330.24	330.24
290	267.53	284.24	284.24
295	216.07	231.00	231.00
300	161.54	175.09	185.89
305	108.82	122.24	168.07
310	66.44	82.18	148.16
315	54.22	71.61	130.59
320	74.93	89.87	133.59
325	101.02	114.62	138.88
330	120.65	133.93	142.31
335	130.44	143.69	159.00
340	129.34	142.59	160.30
345	117.45	130.75	154.66
350	96.13	109.89	140.06
355	69.66	85.07	133.69