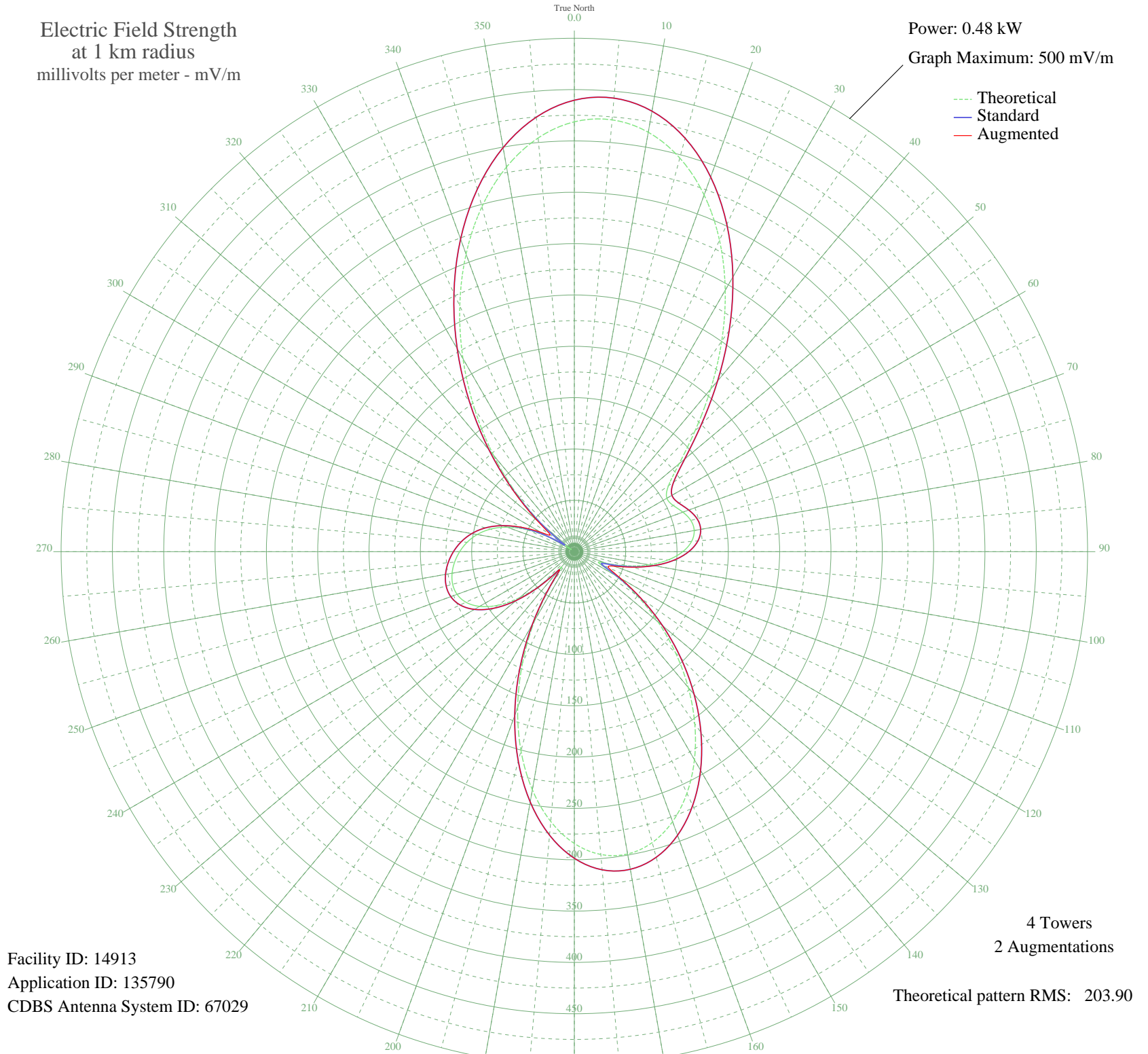


WDPN ALLIANCE, OH BL-19891127AC 1310 kHz

Nighttime

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

Power: 0.48 kW
Graph Maximum: 500 mV/m



Facility ID: 14913
Application ID: 135790
CDBS Antenna System ID: 67029

4 Towers
2 Augmentations
Theoretical pattern RMS: 203.90

Azimuth	E _{theo}	E _{std}	E _{aug}
0	418.63	439.69	439.69
5	422.14	443.37	443.37
10	414.76	435.62	435.62
15	396.92	416.90	416.90
20	369.68	388.30	388.30
25	334.66	351.55	351.55
30	294.02	308.90	308.90
35	250.32	263.04	263.04
40	206.56	217.14	217.14
45	166.19	174.82	174.82
50	133.27	140.33	140.33
55	111.96	118.02	118.02
60	104.09	109.80	109.80
65	106.37	112.18	112.18
70	112.51	118.60	118.60
75	117.48	123.80	123.80
80	118.58	124.95	124.95
85	114.69	120.88	120.88
90	105.66	111.43	111.43
95	91.84	97.00	97.00
100	73.99	78.40	78.43
105	53.32	56.97	58.40
110	32.96	36.17	41.33
115	26.31	29.56	36.70
120	45.52	48.93	52.04
125	74.48	78.91	79.41
130	106.45	112.27	112.27
135	139.56	146.91	146.91
140	172.65	181.59	181.59
145	204.56	215.05	215.05
150	234.01	245.93	245.93
155	259.56	272.74	272.74
160	279.78	293.95	293.95
165	293.29	308.13	308.13
170	298.96	314.08	314.08
175	296.03	311.00	311.00

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	284.20	298.60	298.60
185	263.76	277.14	277.14
190	235.51	247.51	247.51
195	200.80	211.10	211.10
200	161.41	169.81	169.81
205	119.43	125.84	125.84
210	77.25	81.79	81.79
215	38.27	41.53	41.53
220	19.63	23.13	23.13
225	43.32	46.68	46.68
230	69.72	73.96	73.96
235	91.07	96.20	96.20
240	106.59	112.41	112.41
245	116.52	122.80	122.80
250	121.58	128.09	128.09
255	122.71	129.27	129.27
260	120.93	127.41	127.41
265	117.09	123.39	123.39
270	111.71	117.77	117.77
275	104.85	110.59	110.59
280	96.10	101.45	101.45
285	84.72	89.58	89.58
290	69.81	74.04	74.06
295	50.51	54.06	55.94
300	26.19	29.44	37.68
305	4.17	11.38	28.72
310	38.74	42.01	47.49
315	78.65	83.25	84.11
320	122.58	129.13	129.13
325	169.25	178.02	178.02
330	217.05	228.15	228.15
335	264.11	277.52	277.52
340	308.39	323.98	323.98
345	347.81	365.36	365.36
350	380.41	399.56	399.56
355	404.45	424.80	424.80