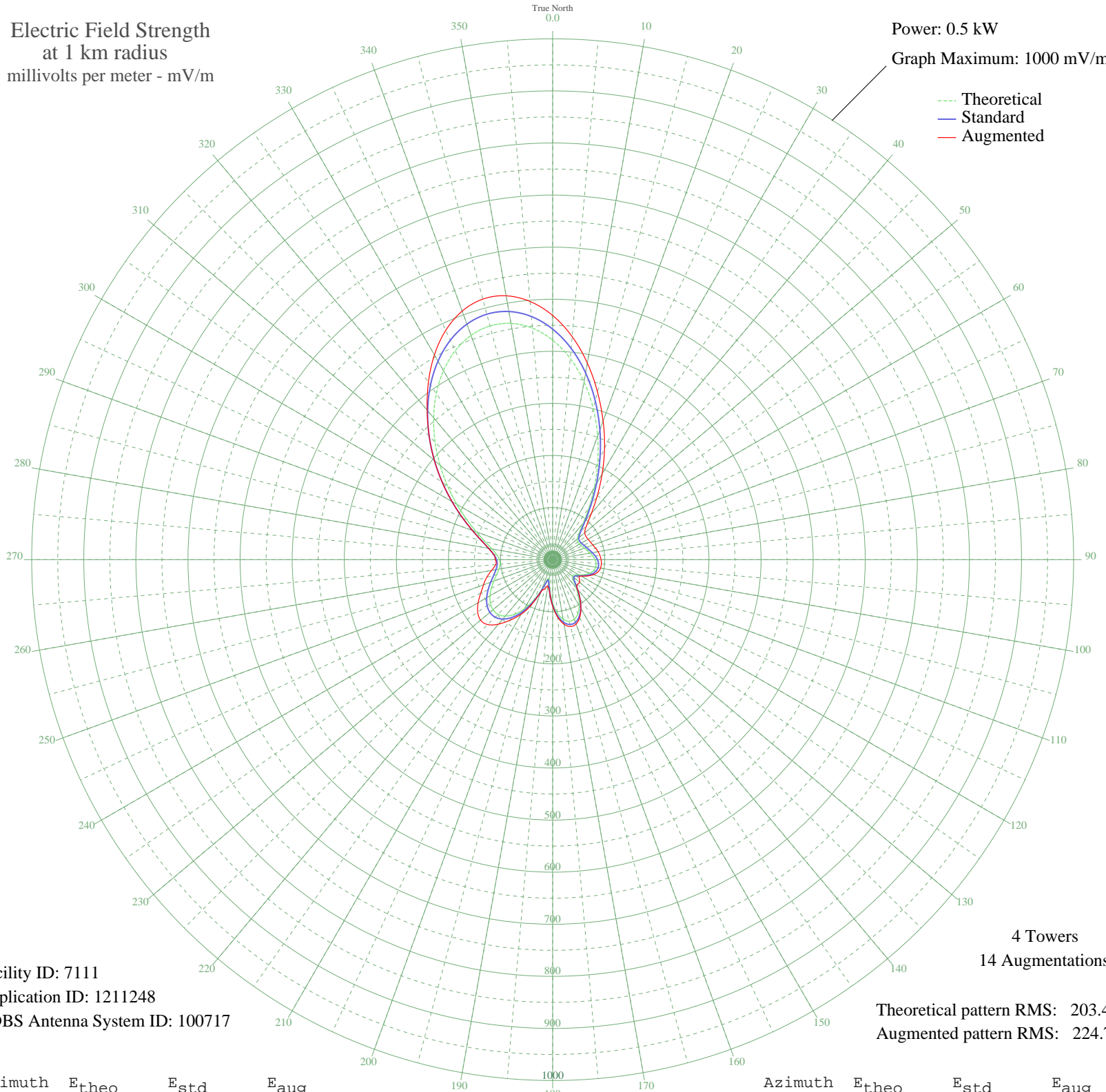


# WBCO BUCYRUS, OH BL-20071004ADY 1540 kHz

Daytime

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

Power: 0.5 kW  
Graph Maximum: 1000 mV/m



Facility ID: 7111  
Application ID: 1211248  
CDBS Antenna System ID: 100717

4 Towers  
14 Augmentations

Theoretical pattern RMS: 203.42  
Augmented pattern RMS: 224.70

Azimuth	Etheo	Estd	Eaug
0	421.53	442.73	468.89
5	387.74	407.27	429.88
10	346.63	364.12	383.33
15	300.55	315.75	332.94
20	252.19	265.01	283.24
25	204.43	214.91	235.61
30	160.08	168.41	189.91
35	121.75	128.27	148.98
40	91.76	96.92	115.34
45	71.79	76.11	91.72
50	61.78	65.72	80.47
55	59.01	62.85	78.04
60	59.80	63.67	78.44
65	61.95	65.89	79.93
70	64.85	68.90	82.17
75	68.53	72.71	85.30
80	72.87	77.23	88.57
85	77.39	81.94	91.16
90	81.29	86.00	92.95
95	83.69	88.50	93.76
100	83.85	88.66	93.34
105	81.27	85.97	90.34
110	75.80	80.28	83.68
115	67.84	72.00	74.02
120	58.62	62.44	63.09
125	50.89	54.46	62.16
130	49.10	52.61	67.56
135	56.19	59.93	67.00
140	70.04	74.29	74.29
145	86.45	91.38	91.38
150	102.05	107.67	108.38
155	114.37	120.55	122.72
160	121.56	128.07	131.54
165	122.33	128.87	132.90
170	115.99	122.25	125.87
175	102.62	108.27	110.67

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.

15 Mar 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	83.20	87.99	88.87
185	60.20	64.08	64.08
190	40.20	43.50	52.27
195	39.57	42.86	58.39
200	60.17	64.05	66.03
205	85.85	90.75	94.23
210	109.49	115.44	120.89
215	128.40	135.23	141.71
220	141.43	148.88	161.53
225	148.33	156.10	176.28
230	149.52	157.35	180.60
235	145.93	153.59	175.71
240	138.84	146.16	165.11
245	129.73	136.62	152.23
250	120.08	126.52	141.22
255	111.32	117.36	130.89
260	104.73	110.46	119.04
265	101.37	106.95	109.62
270	102.12	107.74	109.92
275	107.65	113.52	113.52
280	118.38	124.74	124.74
285	134.44	141.55	141.55
290	155.73	163.85	163.85
295	181.87	191.25	191.25
300	212.25	223.11	223.11
305	246.02	258.53	258.53
310	282.07	296.36	296.36
315	319.05	335.17	335.17
320	355.40	373.32	374.89
325	389.34	408.94	415.79
330	419.01	440.08	453.98
335	442.53	464.77	485.73
340	458.18	481.20	507.86
345	464.54	487.88	517.93
350	460.66	483.81	514.45
355	446.20	468.63	497.66