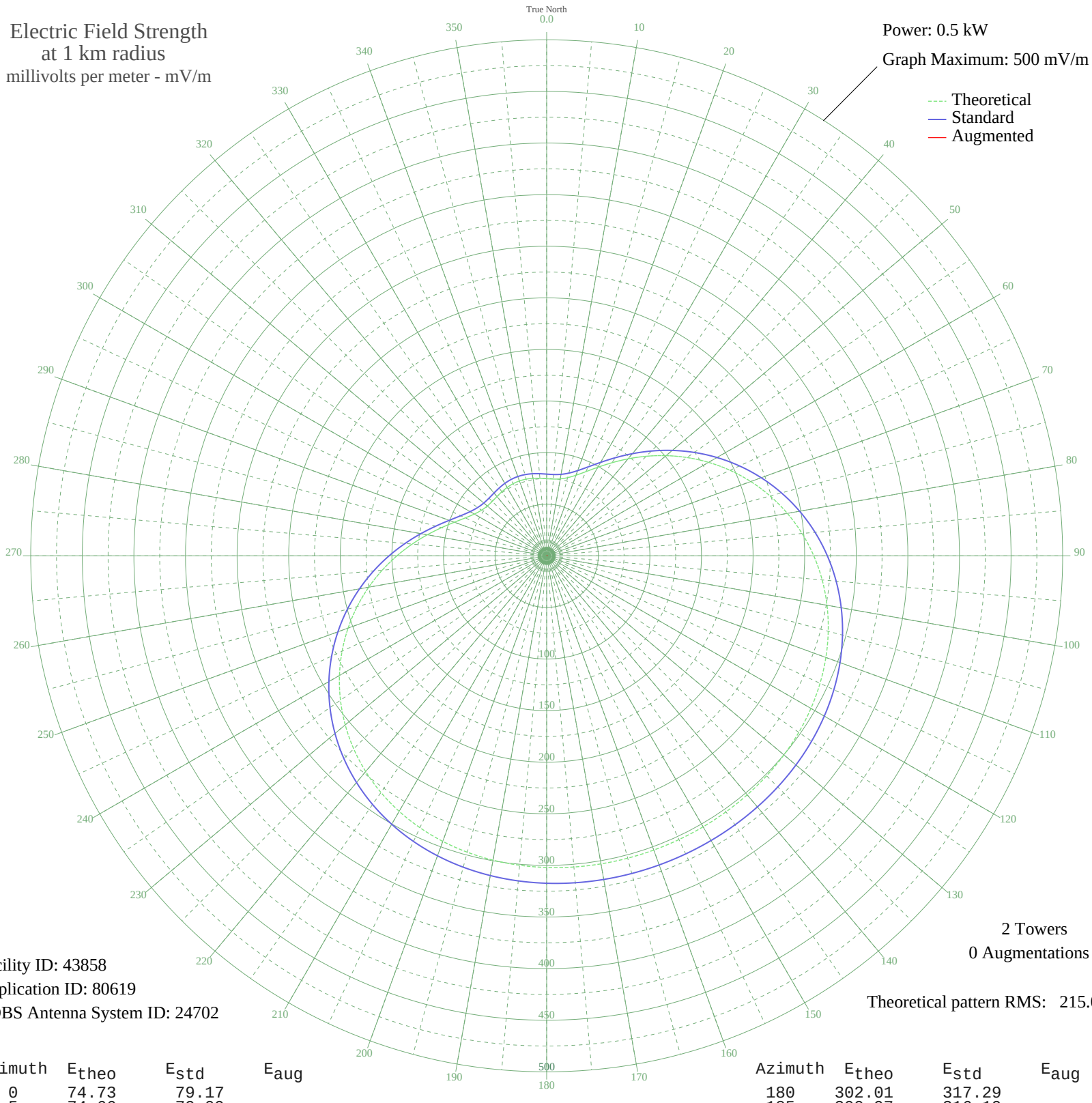
WHLO AKRON, OH BL-19850731AI 640 kHz

Nighttime

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



Power: 0.5 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 43858
Application ID: 80619
CDBS Antenna System ID: 24702

Theoretical pattern RMS: 215.01

Azimuth	E_{theo}	E_{std}	E_{aug}
0	74.73	79.17	
5	74.66	79.09	
10	75.71	80.19	
15	78.39	82.98	
20	83.09	87.88	
25	90.01	95.09	
30	99.07	104.56	
35	110.06	116.04	
40	122.64	129.20	
45	136.41	143.62	
50	151.01	158.90	
55	166.04	174.66	
60	181.17	190.51	
65	196.07	206.14	
70	210.47	221.24	
75	224.12	235.56	
80	236.83	248.89	
85	248.44	261.07	
90	258.84	271.99	
95	267.98	281.58	
100	275.85	289.83	
105	282.47	296.78	
110	287.92	302.50	
115	292.28	307.07	
120	295.68	310.64	
125	298.25	313.34	
130	300.12	315.30	
135	301.44	316.69	
140	302.32	317.61	
145	302.88	318.20	
150	303.21	318.55	
155	303.38	318.72	
160	303.41	318.76	
165	303.33	318.67	
170	303.10	318.43	
175	302.69	318.00	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	302.01	317.29	
185	300.97	316.19	
190	299.45	314.60	
195	297.31	312.36	
200	294.43	309.33	
205	290.66	305.37	
210	285.87	300.35	
215	279.97	294.15	
220	272.85	286.69	
225	264.48	277.90	
230	254.83	267.78	
235	243.93	256.35	
240	231.87	243.69	
245	218.77	229.94	
250	204.79	215.28	
255	190.15	199.94	
260	175.12	184.18	
265	160.00	168.32	
270	145.10	152.71	
275	130.79	137.73	
280	117.44	123.76	
285	105.46	111.23	
290	95.20	100.51	
295	86.97	91.93	
300	80.95	85.65	
305	77.09	81.63	
310	75.12	79.57	
315	74.58	79.01	
320	74.96	79.40	
325	75.74	80.22	
330	76.54	81.05	
335	77.09	81.62	
340	77.22	81.76	
345	76.91	81.44	
350	76.24	80.74	
355	75.41	79.87	

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 Feb 2012

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Federal Communications Commission