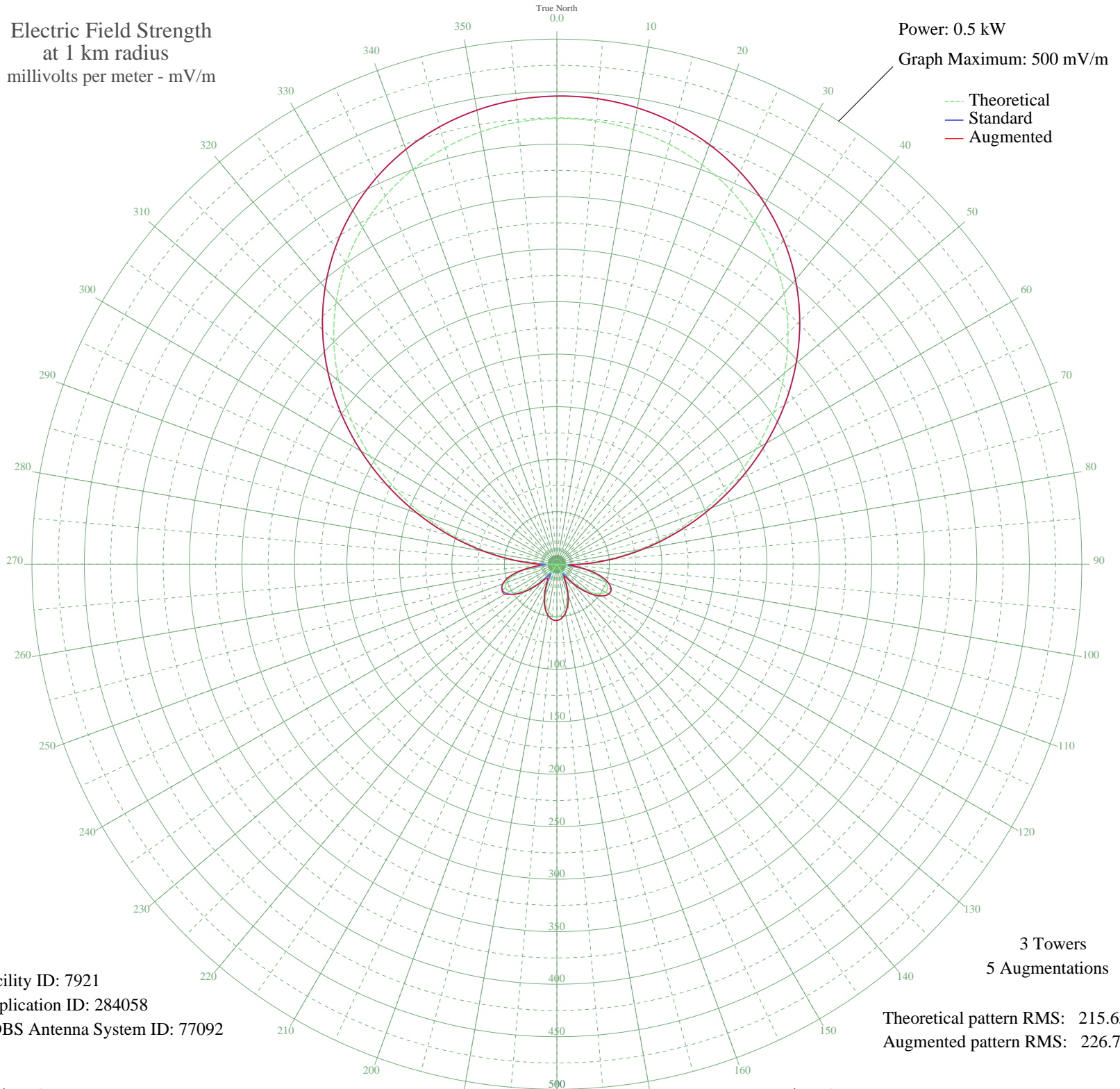


WYOS BINGHAMTON, NY BL-19990422DC 1360 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 7921
Application ID: 284058
CDBS Antenna System ID: 77092

Theoretical pattern RMS: 215.65
Augmented pattern RMS: 226.71

Azimuth	E _{theo}	E _{std}	E _{aug}
0	424.45	445.79	445.79
5	423.64	444.95	444.95
10	420.15	441.28	441.28
15	413.89	434.71	434.71
20	404.75	425.12	425.12
25	392.58	412.34	412.34
30	377.23	396.23	396.23
35	358.60	376.68	376.68
40	336.65	353.63	353.63
45	311.42	327.16	327.16
50	283.10	297.44	297.44
55	252.06	264.87	264.87
60	218.80	229.98	229.98
65	184.02	193.51	193.51
70	148.56	156.34	156.34
75	113.37	119.50	119.50
80	79.46	84.10	84.10
85	47.85	51.33	51.33
90	19.47	22.98	23.04
95	4.88	11.68	13.75
100	24.58	27.86	28.24
105	39.26	42.54	42.54
110	48.81	52.31	52.31
115	53.36	57.00	57.00
120	53.29	56.93	56.93
125	49.15	52.67	52.67
130	41.68	45.00	45.00
135	31.67	34.87	35.03
140	19.97	23.45	24.69
145	7.41	13.07	16.09
150	5.21	11.84	14.14
155	17.19	20.89	21.15
160	27.93	31.15	31.15
165	36.93	40.17	40.17
170	43.79	47.16	47.16
175	48.23	51.72	51.72

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	50.09	53.64	53.64
185	49.30	52.81	52.81
190	45.87	49.29	49.29
195	39.95	43.24	43.24
200	31.77	34.97	34.97
205	21.67	25.06	25.89
210	10.12	14.94	18.54
215	2.33	10.78	16.22
220	15.00	18.93	21.20
225	27.14	30.37	30.64
230	37.93	41.19	41.19
235	46.52	49.96	49.96
240	52.08	55.69	57.11
245	53.86	57.52	57.66
250	51.21	54.79	54.79
255	43.69	47.06	47.06
260	31.06	34.27	34.27
265	13.34	17.50	19.51
270	9.21	14.27	17.75
275	36.06	39.29	39.29
280	66.49	70.60	70.60
285	99.60	105.10	105.10
290	134.40	141.51	141.51
295	169.87	178.67	178.67
300	205.03	215.54	215.54
305	238.99	251.16	251.16
310	270.99	284.73	284.73
315	300.45	315.64	315.64
320	326.94	343.45	343.45
325	350.22	367.88	367.88
330	370.18	388.83	388.83
335	386.83	406.30	406.30
340	400.25	420.39	420.39
345	410.59	431.25	431.25
350	417.99	439.01	439.01
355	422.57	443.83	443.83