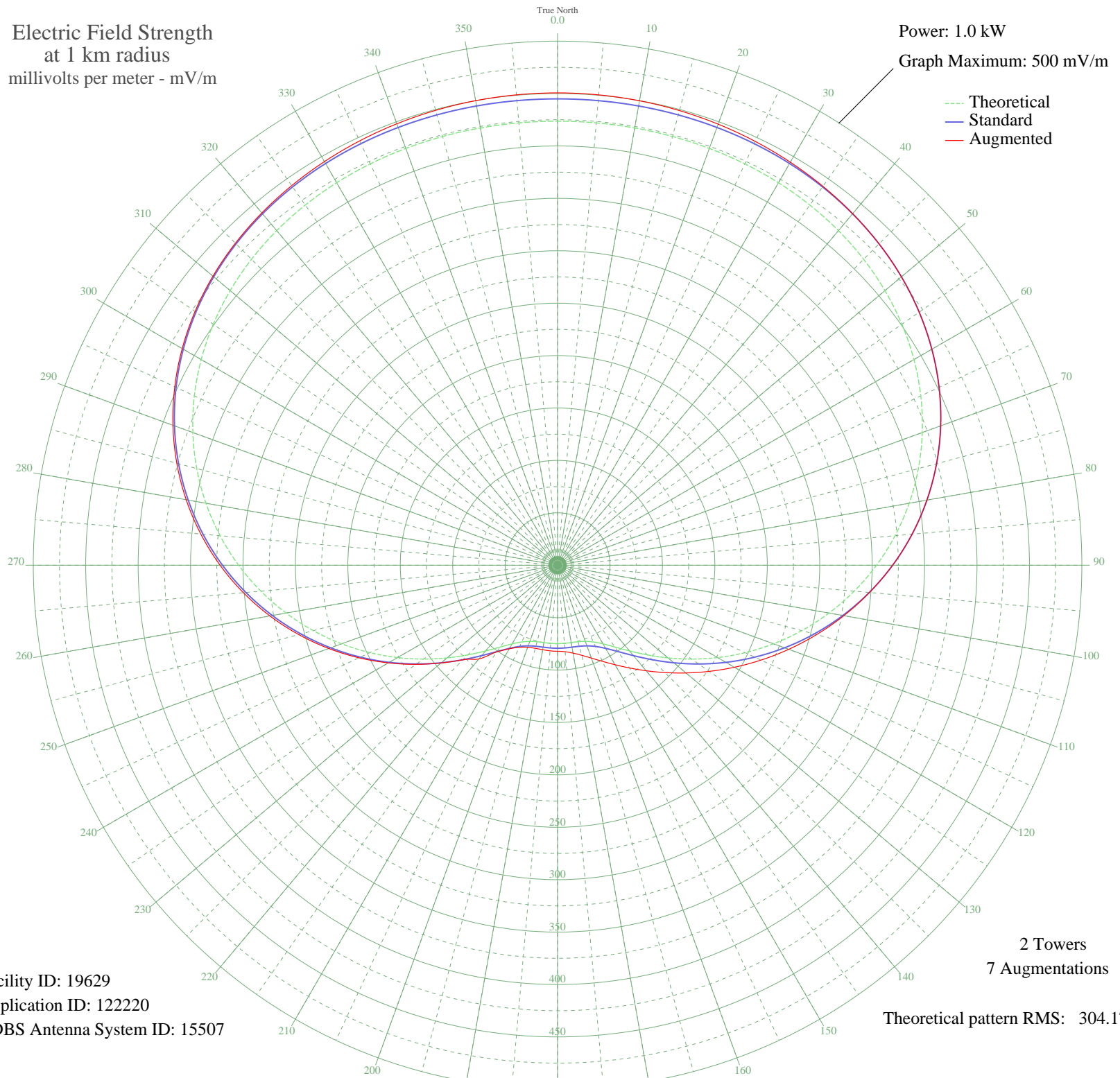


WBNR BEACON, NY BL-19890103AD 1260 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m



Facility ID: 19629
Application ID: 122220
CDBS Antenna System ID: 15507

2 Towers
7 Augmentations
Theoretical pattern RMS: 304.17

Azimuth	E _{theo}	E _{std}	E _{aug}
0	423.62	444.92	450.62
5	423.61	444.92	450.45
10	423.59	444.89	449.93
15	423.47	444.77	449.05
20	423.16	444.44	447.79
25	422.51	443.75	446.12
30	421.35	442.54	443.98
35	419.48	440.58	441.26
40	416.71	437.67	437.85
45	412.81	433.58	433.58
50	407.58	428.09	428.09
55	400.83	421.01	421.01
60	392.41	412.17	412.17
65	382.21	401.45	401.45
70	370.15	388.80	388.80
75	356.22	374.18	374.18
80	340.50	357.68	357.68
85	323.08	339.40	339.40
90	304.17	319.55	319.55
95	284.00	298.38	298.62
100	262.87	276.21	277.22
105	241.13	253.40	255.73
110	219.16	230.36	234.57
115	197.37	207.51	214.11
120	176.21	185.32	194.68
125	156.11	164.26	176.54
130	137.54	144.80	159.89
135	120.94	127.43	144.84
140	106.74	112.56	131.41
145	95.25	100.56	119.65
150	86.64	91.57	109.59
155	80.80	85.48	101.16
160	77.32	81.86	94.30
165	75.58	80.05	88.97
170	74.92	79.36	85.15
175	74.77	79.20	82.85

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	74.76	79.19	82.08
185	74.77	79.20	81.99
190	74.92	79.36	81.85
195	75.58	80.05	82.08
200	77.32	81.86	83.33
205	80.80	85.48	86.40
210	86.64	91.57	92.04
215	95.25	100.56	100.74
220	106.74	112.56	116.76
225	120.94	127.43	127.50
230	137.54	144.80	145.01
235	156.11	164.26	164.82
240	176.21	185.32	186.34
245	197.37	207.51	209.00
250	219.16	230.36	232.25
255	241.13	253.40	255.60
260	262.87	276.21	278.58
265	284.00	298.38	300.79
270	304.17	319.55	321.87
275	323.08	339.40	341.56
280	340.50	357.68	359.64
285	356.22	374.18	375.94
290	370.15	388.80	390.35
295	382.21	401.45	402.82
300	392.41	412.17	413.36
305	400.83	421.01	422.07
310	407.58	428.09	429.07
315	412.81	433.58	434.52
320	416.71	437.67	438.75
325	419.48	440.58	442.08
330	421.35	442.54	444.67
335	422.51	443.75	446.66
340	423.16	444.44	448.17
345	423.47	444.77	449.28
350	423.59	444.89	450.03
355	423.61	444.92	450.47