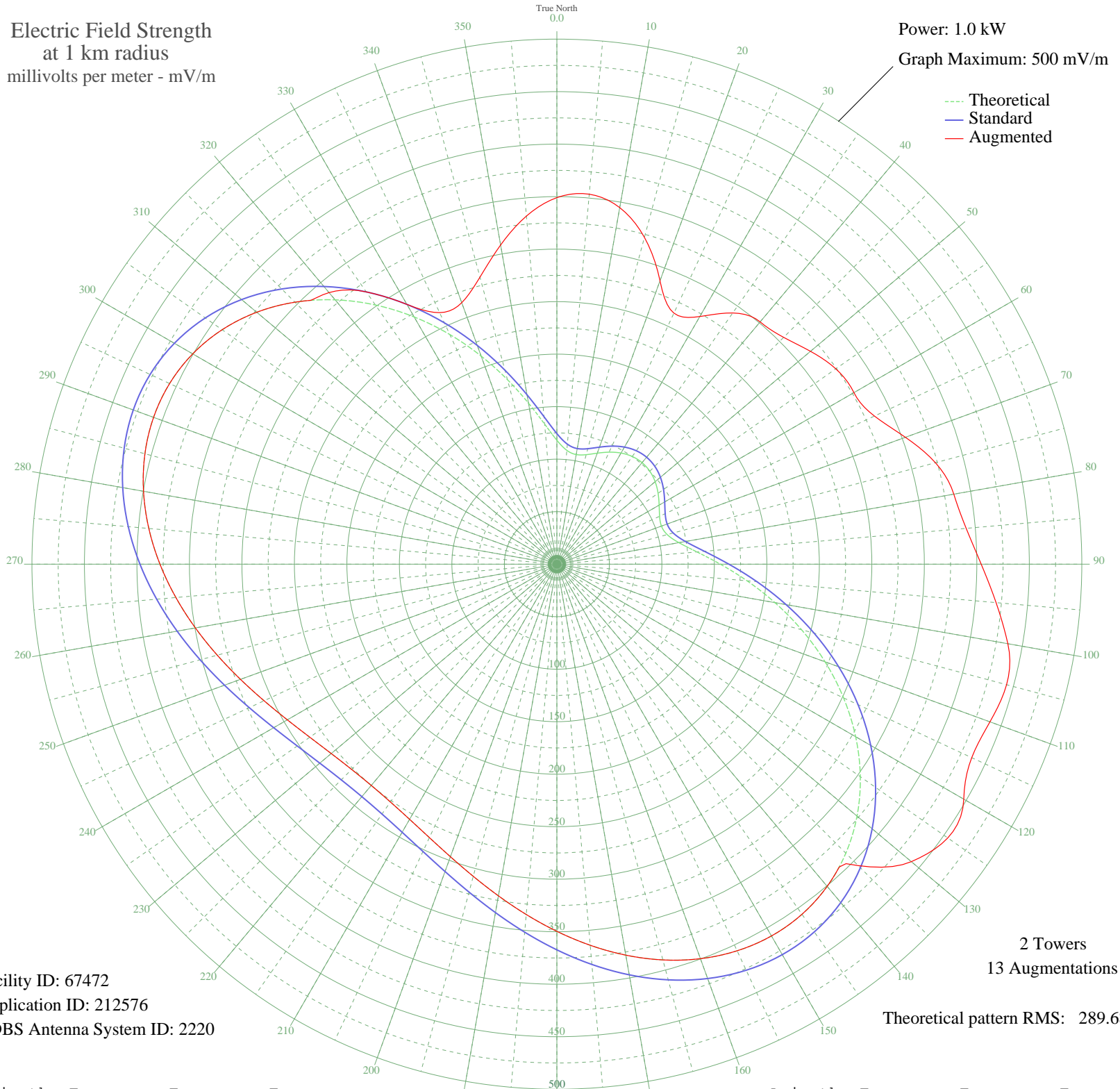


# KOAQ TERRYTOWN, NE BL-19950809AD 690 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 67472  
Application ID: 212576  
CDBS Antenna System ID: 2220

2 Towers  
13 Augmentations  
Theoretical pattern RMS: 289.68

Azimuth	Etheo	Estd	Eaug
0	118.00	124.34	349.06
5	108.80	114.72	353.67
10	105.99	111.79	344.78
15	107.95	113.84	322.20
20	112.49	118.58	287.19
25	117.69	124.02	263.79
30	122.20	128.74	272.33
35	125.19	131.87	292.02
40	126.24	132.96	301.20
45	125.19	131.87	305.47
50	122.20	128.74	315.34
55	117.69	124.02	324.34
60	112.49	118.58	326.73
65	107.95	113.84	333.76
70	105.99	111.79	353.28
75	108.80	114.72	373.28
80	118.00	124.34	383.91
85	133.93	141.02	391.35
90	155.71	163.83	404.18
95	181.87	191.26	419.93
100	210.89	221.69	436.18
105	241.32	253.61	443.44
110	271.86	285.65	438.98
115	301.31	316.55	436.00
120	328.61	345.20	447.51
125	352.83	370.62	454.52
130	373.22	392.02	440.72
135	389.23	408.83	406.00
140	400.53	420.69	400.53
145	407.02	427.50	407.02
150	408.80	429.37	408.80
155	406.23	426.67	406.23
160	399.80	419.92	399.80
165	390.16	409.80	390.16
170	378.06	397.10	378.06
175	364.29	382.64	364.29

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	349.64	367.27	349.64
185	334.88	351.78	334.88
190	320.71	336.91	320.71
195	307.73	323.29	307.73
200	296.46	311.46	296.46
205	287.30	301.85	287.30
210	280.56	294.78	280.56
215	276.44	290.45	276.44
220	275.05	288.99	275.05
225	276.44	290.45	276.44
230	280.56	294.78	280.56
235	287.30	301.85	287.30
240	296.46	311.46	296.46
245	307.73	323.29	307.73
250	320.71	336.91	320.71
255	334.88	351.78	334.88
260	349.64	367.27	349.64
265	364.29	382.64	364.29
270	378.06	397.10	378.06
275	390.16	409.80	390.16
280	399.80	419.92	399.80
285	406.23	426.67	406.23
290	408.80	429.37	408.80
295	407.02	427.50	407.02
300	400.53	420.69	400.53
305	389.23	408.83	389.23
310	373.22	392.02	373.22
315	352.83	370.62	352.83
320	328.61	345.20	328.61
325	301.31	316.55	301.31
330	271.86	285.65	271.86
335	241.32	253.61	241.32
340	210.89	221.68	210.89
345	181.87	191.26	181.87
350	155.71	163.83	155.71
355	133.93	141.02	133.93