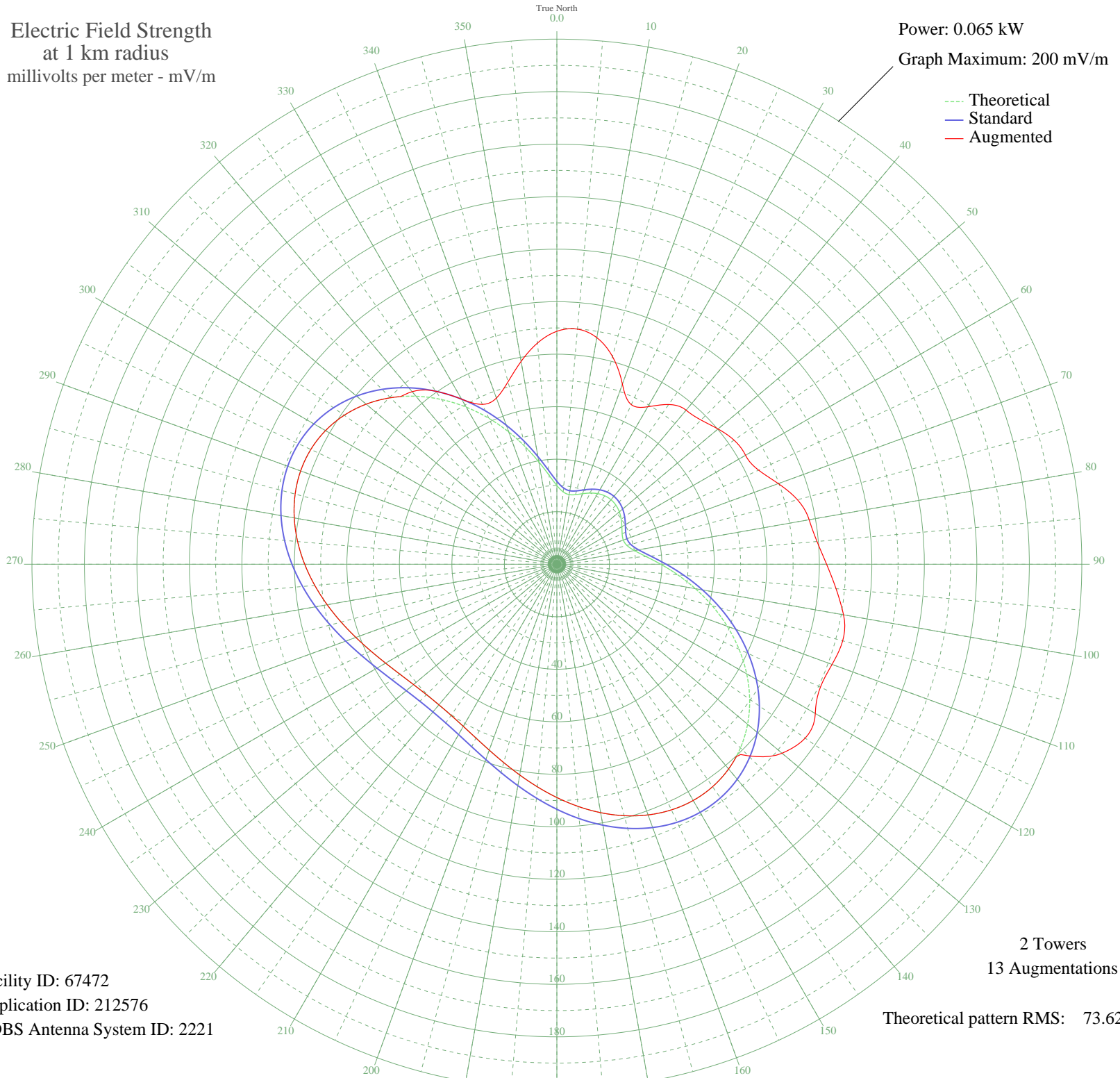


# KOAQ TERRYTOWN, NE BL-19950809AD 690 kHz

Nighttime

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

Power: 0.065 kW  
Graph Maximum: 200 mV/m



Facility ID: 67472  
Application ID: 212576  
CDBS Antenna System ID: 2221

2 Towers  
13 Augmentations  
Theoretical pattern RMS: 73.62

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	29.99	31.60	88.73
5	27.65	29.16	89.90
10	26.94	28.41	87.64
15	27.44	28.93	81.90
20	28.59	30.14	73.00
25	29.91	31.52	67.06
30	31.06	32.72	69.24
35	31.82	33.52	74.26
40	32.08	33.79	76.60
45	31.82	33.52	77.67
50	31.06	32.72	80.15
55	29.91	31.52	82.40
60	28.59	30.14	83.00
65	27.44	28.93	84.80
70	26.94	28.41	89.78
75	27.65	29.16	94.89
80	29.99	31.60	97.60
85	34.04	35.84	99.49
90	39.57	41.64	102.76
95	46.22	48.61	106.77
100	53.60	56.34	110.90
105	61.33	64.45	112.73
110	69.09	72.60	111.57
115	76.58	80.45	110.79
120	83.51	87.73	113.70
125	89.67	94.19	115.49
130	94.85	99.63	111.99
135	98.92	103.90	103.18
140	101.79	106.92	101.79
145	103.44	108.65	103.44
150	103.89	109.12	103.89
155	103.24	108.43	103.24
160	101.61	106.72	101.61
165	99.16	104.15	99.16
170	96.08	100.92	96.08
175	92.58	97.25	92.58

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	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	88.86	93.34	88.86
185	85.11	89.40	85.11
190	81.51	85.62	81.51
195	78.21	82.16	78.21
200	75.34	79.16	75.34
205	73.02	76.71	73.02
210	71.30	74.92	71.30
215	70.25	73.82	70.25
220	69.90	73.44	69.90
225	70.25	73.82	70.25
230	71.30	74.92	71.30
235	73.02	76.71	73.02
240	75.34	79.16	75.34
245	78.21	82.16	78.21
250	81.51	85.62	81.51
255	85.11	89.40	85.11
260	88.86	93.34	88.86
265	92.58	97.25	92.58
270	96.08	100.92	96.08
275	99.16	104.15	99.16
280	101.61	106.72	101.61
285	103.24	108.43	103.24
290	103.89	109.12	103.89
295	103.44	108.65	103.44
300	101.79	106.92	101.79
305	98.92	103.90	98.92
310	94.85	99.63	94.85
315	89.67	94.19	89.67
320	83.51	87.73	85.80
325	76.58	80.45	80.45
330	69.09	72.60	72.60
335	61.33	64.45	67.17
340	53.60	56.34	67.35
345	46.22	48.61	71.93
350	39.57	41.64	78.45
355	34.04	35.84	84.59