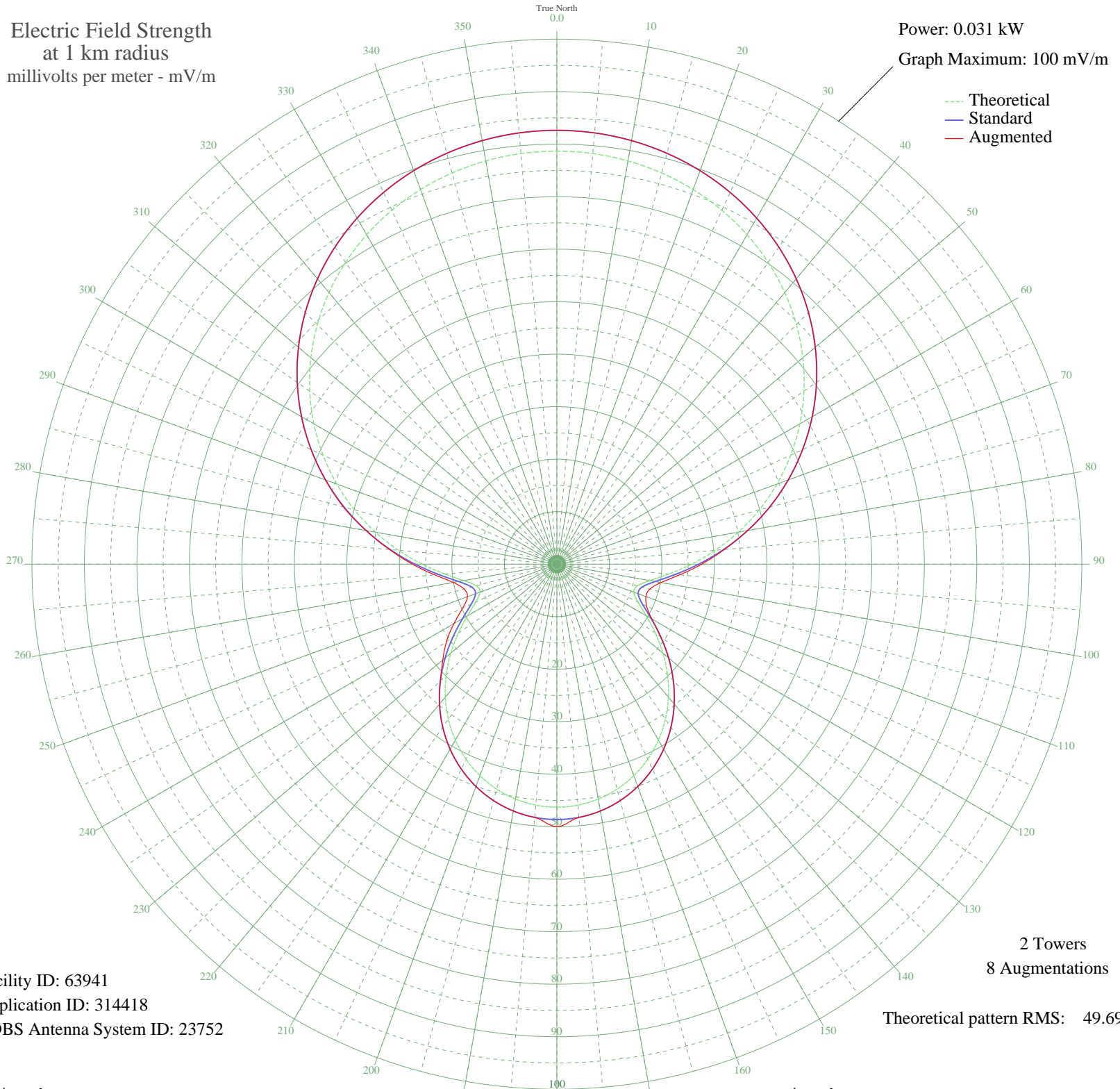


KNCY NEBRASKA CITY, NE BL-- 1600 kHz

Nighttime

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

Power: 0.031 kW
Graph Maximum: 100 mV/m



Facility ID: 63941
Application ID: 314418
CDBS Antenna System ID: 23752

Theoretical pattern RMS: 49.69

Azimuth	E _{theo}	E _{std}	E _{aug}
0	78.67	82.63	82.63
5	78.50	82.45	82.45
10	77.99	81.91	81.91
15	77.13	81.02	81.02
20	75.93	79.75	79.75
25	74.37	78.12	78.12
30	72.46	76.11	76.11
35	70.18	73.72	73.72
40	67.53	70.94	70.94
45	64.53	67.79	67.79
50	61.17	64.26	64.26
55	57.47	60.38	60.38
60	53.45	56.16	56.16
65	49.15	51.65	51.65
70	44.62	46.89	46.89
75	39.90	41.95	41.95
80	35.09	36.90	36.90
85	30.29	31.86	32.03
90	25.65	27.01	27.58
95	21.43	22.60	23.44
100	18.01	19.01	20.16
105	15.90	16.82	18.33
110	15.58	16.49	18.06
115	17.02	17.99	18.86
120	19.67	20.75	20.89
125	22.93	24.16	24.19
130	26.39	27.78	27.80
135	29.82	31.37	31.38
140	33.06	34.78	34.78
145	36.04	37.90	37.90
150	38.69	40.67	40.67
155	40.97	43.07	43.07
160	42.87	45.06	45.06
165	44.35	46.61	46.61
170	45.42	47.73	47.73
175	46.06	48.41	48.41

Azimuth	E _{theo}	E _{std}	E _{aug}
180	46.28	48.63	50.00
185	46.06	48.41	48.41
190	45.42	47.73	47.73
195	44.35	46.61	46.61
200	42.87	45.06	45.06
205	40.97	43.07	43.07
210	38.69	40.67	40.67
215	36.04	37.90	37.90
220	33.06	34.78	34.78
225	29.82	31.37	31.39
230	26.39	27.78	28.36
235	22.93	24.16	25.66
240	19.67	20.75	22.63
245	17.02	17.99	19.80
250	15.58	16.49	18.12
255	15.90	16.82	18.29
260	18.01	19.01	20.04
265	21.43	22.60	23.35
270	25.65	27.01	27.52
275	30.29	31.86	32.01
280	35.09	36.90	36.90
285	39.90	41.95	42.10
290	44.62	46.89	46.89
295	49.15	51.65	51.65
300	53.45	56.16	56.16
305	57.47	60.38	60.38
310	61.17	64.26	64.26
315	64.53	67.79	67.79
320	67.53	70.94	70.94
325	70.18	73.72	73.72
330	72.46	76.11	76.11
335	74.37	78.12	78.12
340	75.93	79.75	79.75
345	77.13	81.02	81.02
350	77.99	81.91	81.91
355	78.50	82.45	82.45

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission