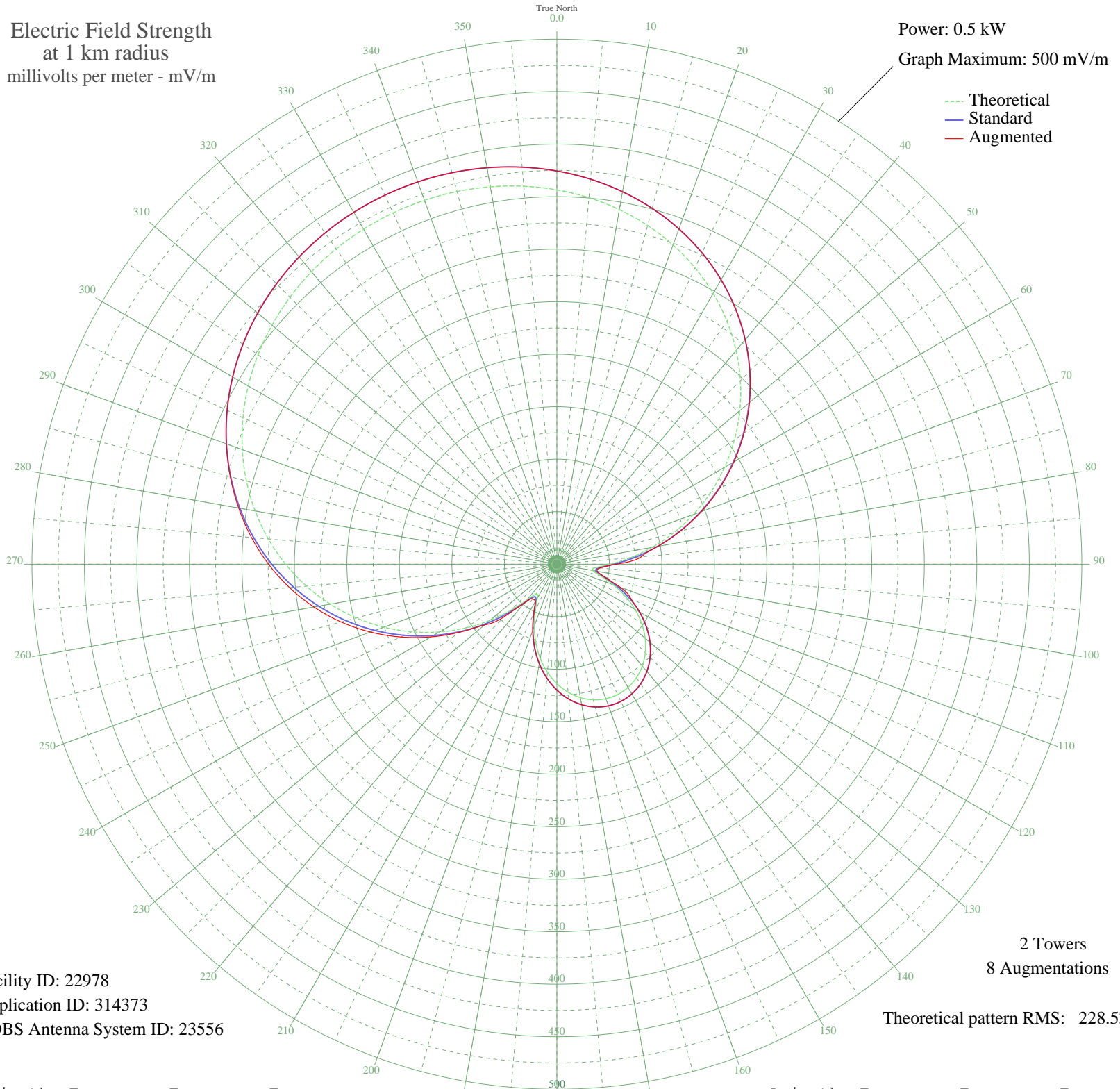


KWBG BOONE, IA BL-- 1590 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 22978
Application ID: 314373
CDBS Antenna System ID: 23556

2 Towers
8 Augmentations
Theoretical pattern RMS: 228.53

Azimuth	Etheo	Estd	Eaug
0	356.46	374.43	374.43
5	350.34	368.01	368.01
10	342.85	360.15	360.15
15	333.91	350.77	350.77
20	323.45	339.78	339.78
25	311.40	327.14	327.14
30	297.74	312.80	312.80
35	282.45	296.76	296.76
40	265.58	279.06	279.14
45	247.20	259.77	260.01
50	227.43	239.03	239.48
55	206.42	217.00	217.67
60	184.41	193.91	194.73
65	161.63	170.03	170.89
70	138.40	145.70	146.45
75	115.10	121.31	121.83
80	92.20	97.37	97.60
85	70.42	74.68	80.66
90	51.10	54.67	56.83
95	37.34	40.59	41.15
100	34.61	37.82	39.05
105	43.30	46.67	47.12
110	57.05	60.81	64.31
115	71.75	76.07	77.80
120	85.83	90.73	90.91
125	98.62	104.08	104.08
130	109.78	115.74	115.74
135	119.14	125.53	125.53
140	126.59	133.33	133.33
145	132.06	139.06	139.06
150	135.53	142.69	142.69
155	136.95	144.18	144.18
160	136.34	143.54	143.54
165	133.69	140.77	140.77
170	129.02	135.87	135.87
175	122.35	128.90	128.90

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

Azimuth	Etheo	Estd	Eaug
180	113.75	119.89	119.89
185	103.29	108.96	108.96
190	91.12	96.25	96.25
195	77.51	82.06	82.06
200	62.94	66.91	66.91
205	48.51	52.00	52.00
210	37.05	40.30	40.89
215	34.65	37.87	40.22
220	44.65	48.05	48.05
225	62.28	66.23	70.53
230	83.30	88.09	90.07
235	105.85	111.64	112.96
240	129.06	135.92	138.55
245	152.37	160.34	164.10
250	175.37	184.44	188.97
255	197.73	207.88	212.69
260	219.16	230.36	234.96
265	239.45	251.64	255.63
270	258.40	271.53	274.62
275	275.89	289.87	291.98
280	291.81	306.58	307.76
285	306.13	321.61	322.07
290	318.82	334.93	334.99
295	329.92	346.57	346.57
300	339.46	356.58	356.58
305	347.52	365.04	365.04
310	354.17	372.03	372.03
315	359.51	377.63	377.63
320	363.60	381.93	381.93
325	366.53	385.00	385.00
330	368.35	386.91	386.91
335	369.09	387.69	387.69
340	368.77	387.35	387.35
345	367.39	385.90	385.90
350	364.91	383.30	383.30
355	361.29	379.50	379.50