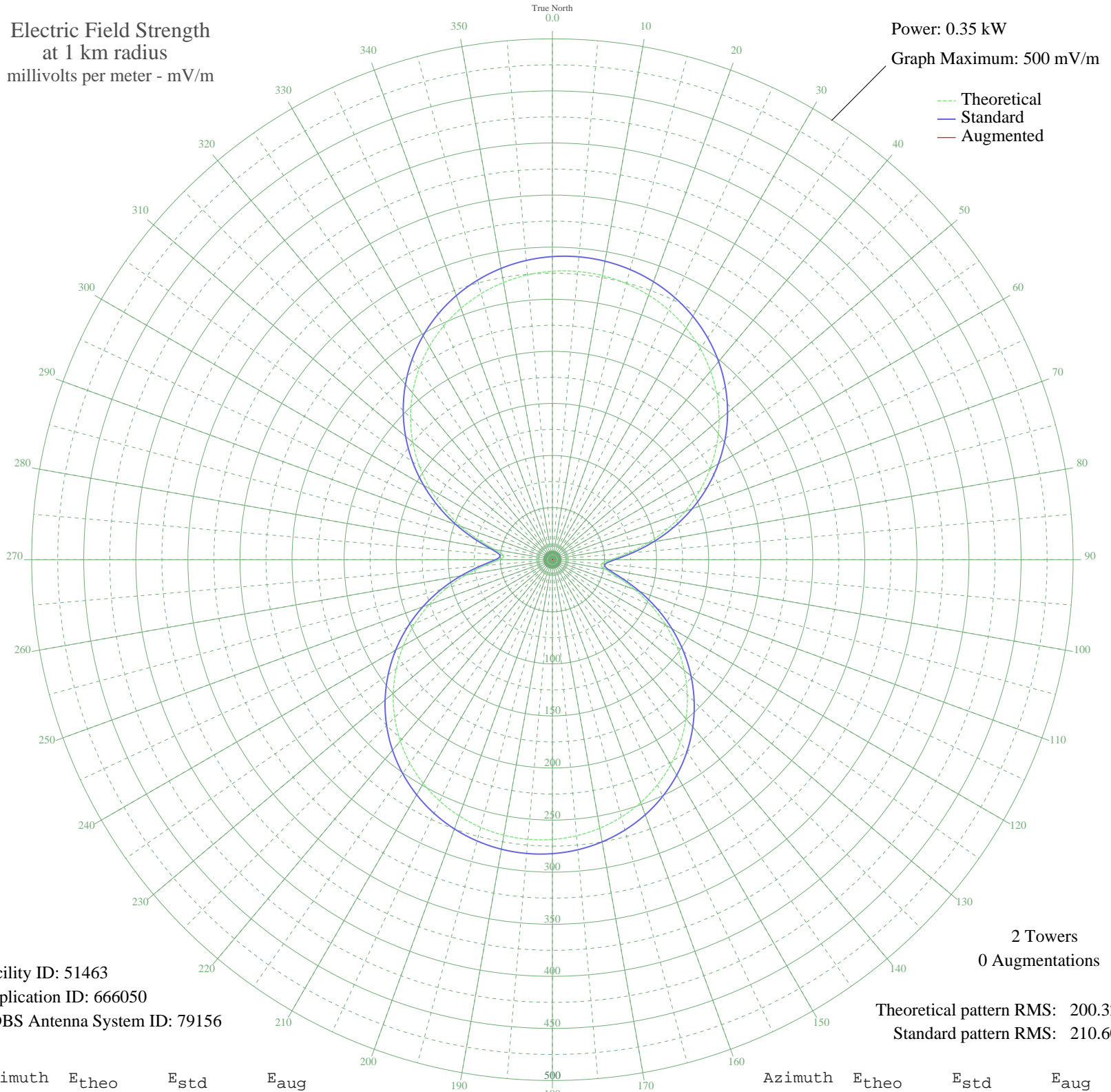


# KNEB SCOTTSBLUFF, NE BL-20030520BCC 960 kHz

Nighttime

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

Power: 0.35 kW  
Graph Maximum: 500 mV/m



Facility ID: 51463  
Application ID: 666050  
CDBS Antenna System ID: 79156

2 Towers  
0 Augmentations

Theoretical pattern RMS: 200.32  
Standard pattern RMS: 210.60

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	276.91	290.94	
5	277.74	291.82	
10	276.91	290.94	
15	274.40	288.32	
20	270.22	283.92	
25	264.33	277.75	
30	256.72	269.76	
35	247.37	259.95	
40	236.27	248.30	
45	223.42	234.83	
50	208.87	219.56	
55	192.67	202.57	
60	174.92	183.97	
65	155.80	163.93	
70	135.56	142.72	
75	114.55	120.73	
80	93.38	98.61	
85	73.16	77.53	
90	56.20	59.93	
95	47.21	50.67	
100	50.98	54.55	
105	65.17	69.23	
110	84.22	89.05	
115	104.91	110.65	
120	125.75	132.46	
125	146.00	153.66	
130	165.21	173.78	
135	183.09	192.53	
140	199.46	209.70	
145	214.20	225.15	
150	227.23	238.82	
155	238.51	250.65	
160	248.02	260.63	
165	255.77	268.77	
170	261.78	275.07	
175	266.05	279.55	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	268.60	282.23	
185	269.45	283.12	
190	268.60	282.23	
195	266.05	279.55	
200	261.78	275.07	
205	255.77	268.77	
210	248.02	260.63	
215	238.51	250.65	
220	227.23	238.82	
225	214.20	225.15	
230	199.46	209.70	
235	183.09	192.53	
240	165.20	173.78	
245	146.00	153.66	
250	125.75	132.46	
255	104.91	110.65	
260	84.22	89.05	
265	65.17	69.23	
270	50.98	54.55	
275	47.21	50.67	
280	56.20	59.93	
285	73.16	77.53	
290	93.38	98.61	
295	114.55	120.73	
300	135.56	142.72	
305	155.80	163.93	
310	174.92	183.97	
315	192.67	202.57	
320	208.87	219.56	
325	223.42	234.83	
330	236.27	248.30	
335	247.37	259.95	
340	256.72	269.76	
345	264.33	277.75	
350	270.22	283.92	
355	274.40	288.32	

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