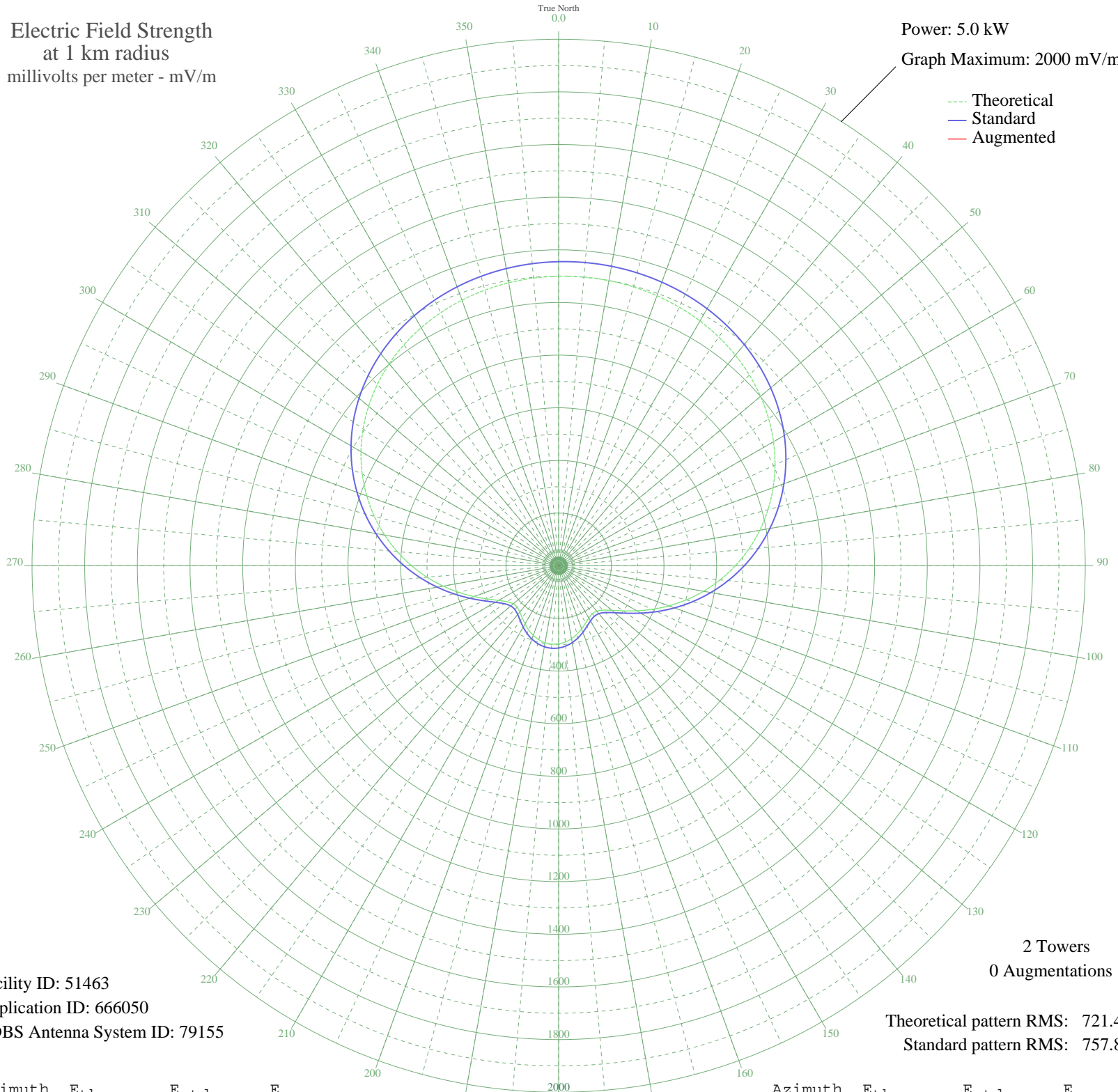


# KNEB SCOTTSBLUFF, NE BL-20030520BCC 960 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 51463  
Application ID: 666050  
CDBS Antenna System ID: 79155

2 Towers  
0 Augmentations

Theoretical pattern RMS: 721.44  
Standard pattern RMS: 757.87

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1099.80	1155.03	
5	1100.83	1156.11	
10	1099.80	1155.03	
15	1096.69	1151.77	
20	1091.39	1146.20	
25	1083.72	1138.15	
30	1073.47	1127.38	
35	1060.35	1113.62	
40	1044.10	1096.56	
45	1024.41	1075.89	
50	1001.01	1051.33	
55	973.68	1022.63	
60	942.24	989.63	
65	906.62	952.24	
70	866.83	910.47	
75	823.03	864.50	
80	775.49	814.60	
85	724.62	761.21	
90	670.99	704.93	
95	615.31	646.51	
100	558.44	586.83	
105	501.40	526.99	
110	445.37	468.22	
115	391.76	412.02	
120	342.23	360.11	
125	298.73	314.55	
130	263.47	277.64	
135	238.56	251.59	
140	225.24	237.66	
145	222.97	235.30	
150	229.39	242.00	
155	241.18	254.33	
160	255.27	269.06	
165	269.26	283.70	
170	281.49	296.50	
175	290.87	306.32	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	296.74	312.46	
185	298.73	314.55	
190	296.74	312.46	
195	290.87	306.32	
200	281.49	296.50	
205	269.26	283.70	
210	255.27	269.06	
215	241.18	254.33	
220	229.39	242.00	
225	222.97	235.30	
230	225.24	237.66	
235	238.56	251.59	
240	263.48	277.64	
245	298.73	314.55	
250	342.23	360.11	
255	391.76	412.02	
260	445.37	468.22	
265	501.40	526.99	
270	558.44	586.83	
275	615.31	646.51	
280	670.99	704.93	
285	724.62	761.21	
290	775.49	814.60	
295	823.03	864.50	
300	866.83	910.47	
305	906.62	952.24	
310	942.24	989.63	
315	973.68	1022.63	
320	1001.01	1051.33	
325	1024.41	1075.89	
330	1044.10	1096.56	
335	1060.35	1113.62	
340	1073.47	1127.38	
345	1083.72	1138.15	
350	1091.39	1146.20	
355	1096.69	1151.77	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission