

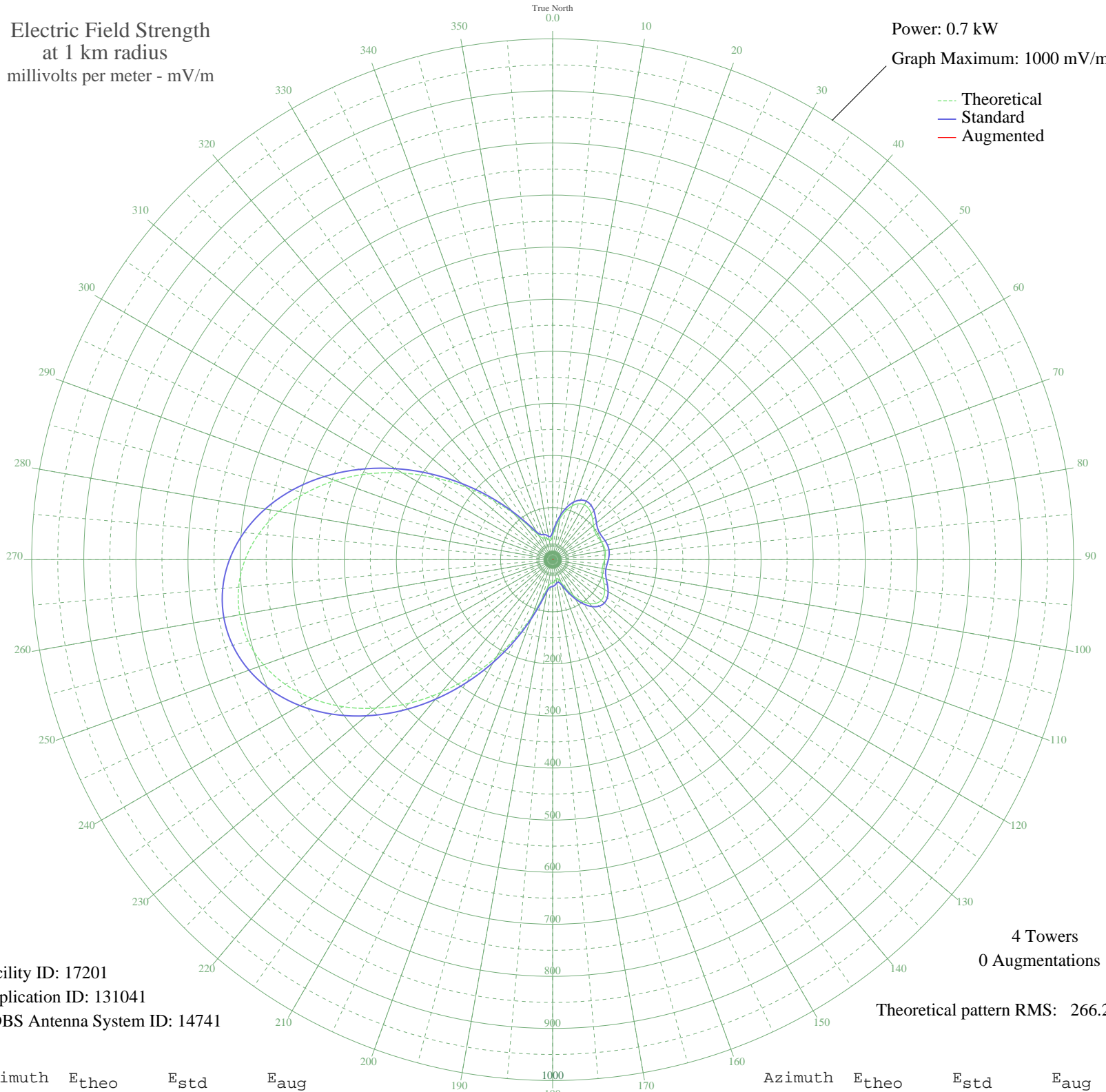
KTFJ DAKOTA CITY, NE BL-19890719AD 1250 kHz

Nighttime

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

Power: 0.7 kW

Graph Maximum: 1000 mV/m



Facility ID: 17201
Application ID: 131041
CDBS Antenna System ID: 14741

Theoretical pattern RMS: 266.23

Azimuth	E _{theo}	E _{std}	E _{aug}
0	45.81	52.73	
5	61.65	68.25	
10	79.92	86.65	
15	96.82	103.94	
20	110.06	117.56	
25	118.40	126.19	
30	121.57	129.47	
35	120.11	127.95	
40	115.23	122.91	
45	108.68	116.15	
50	102.43	109.70	
55	98.15	105.30	
60	96.66	103.76	
65	97.58	104.71	
70	99.71	106.90	
75	101.65	108.90	
80	102.41	109.68	
85	101.65	108.90	
90	99.71	106.90	
95	97.58	104.71	
100	96.66	103.76	
105	98.15	105.30	
110	102.43	109.70	
115	108.68	116.15	
120	115.23	122.91	
125	120.11	127.95	
130	121.57	129.47	
135	118.40	126.19	
140	110.06	117.56	
145	96.82	103.94	
150	79.92	86.65	
155	61.65	68.25	
160	45.81	52.73	
165	37.49	44.91	
170	38.21	45.57	
175	42.18	49.28	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	44.46	51.45	
185	46.04	52.95	
190	54.40	61.07	
195	77.11	83.80	
200	113.93	121.56	
205	161.17	170.60	
210	215.34	227.14	
215	273.35	287.83	
220	332.39	349.67	
225	389.92	409.98	
230	443.73	466.42	
235	491.99	517.04	
240	533.21	560.29	
245	566.29	595.00	
250	590.44	620.34	
255	605.12	635.74	
260	610.04	640.91	
265	605.12	635.74	
270	590.44	620.34	
275	566.29	595.00	
280	533.21	560.29	
285	491.99	517.04	
290	443.73	466.42	
295	389.92	409.98	
300	332.39	349.67	
305	273.35	287.83	
310	215.34	227.14	
315	161.17	170.60	
320	113.93	121.56	
325	77.11	83.80	
330	54.40	61.07	
335	46.04	52.95	
340	44.46	51.45	
345	42.18	49.28	
350	38.21	45.57	
355	37.49	44.91	