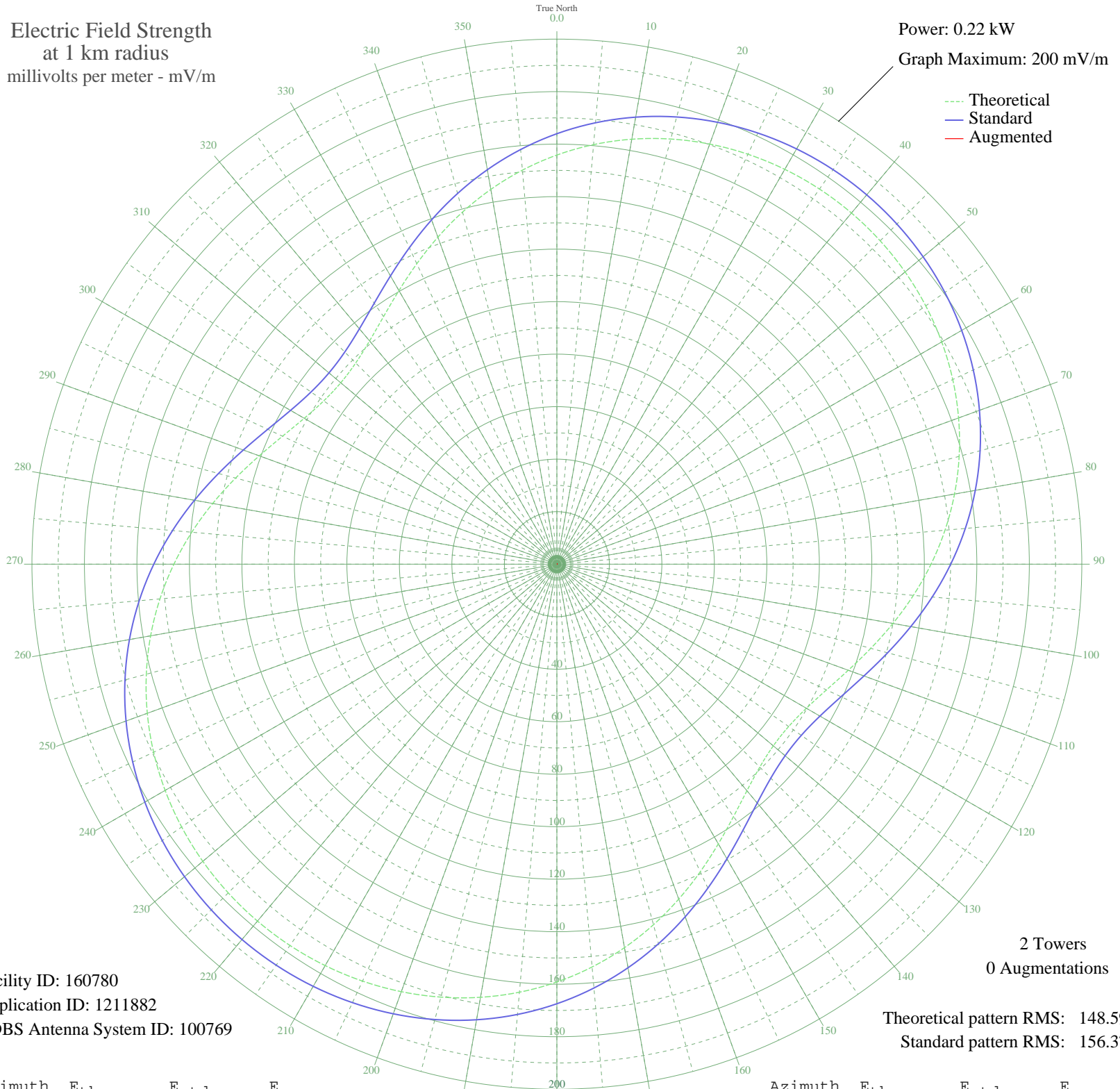


NEW STEAMBOAT SPRINGS, CO BNP-20050927AII 1440 kHz

Nighttime

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

Power: 0.22 kW
Graph Maximum: 200 mV/m



Facility ID: 160780
Application ID: 1211882
CDBS Antenna System ID: 100769

2 Towers
0 Augmentations

Theoretical pattern RMS: 148.59
Standard pattern RMS: 156.37

Azimuth	E _{theo}	E _{std}	E _{aug}
0	155.84	163.97	
5	160.43	168.77	
10	164.37	172.91	
15	167.66	176.35	
20	170.29	179.11	
25	172.29	181.21	
30	173.67	182.65	
35	174.44	183.46	
40	174.62	183.65	
45	174.20	183.21	
50	173.19	182.15	
55	171.57	180.45	
60	169.31	178.09	
65	166.42	175.06	
70	162.87	171.34	
75	158.67	166.93	
80	153.84	161.87	
85	148.44	156.21	
90	142.56	150.05	
95	136.35	143.55	
100	130.02	136.92	
105	123.84	130.45	
110	118.15	124.50	
115	113.33	119.46	
120	109.77	115.74	
125	107.81	113.69	
130	107.65	113.52	
135	109.32	115.27	
140	112.66	118.75	
145	117.35	123.66	
150	123.02	129.59	
155	129.27	136.14	
160	135.76	142.93	
165	142.18	149.66	
170	148.33	156.10	
175	154.02	162.06	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	159.15	167.44	
185	163.67	172.17	
190	167.53	176.22	
195	170.73	179.57	
200	173.29	182.26	
205	175.22	184.28	
210	176.55	185.68	
215	177.30	186.46	
220	177.47	186.64	
225	177.07	186.22	
230	176.09	185.20	
235	174.52	183.55	
240	172.34	181.26	
245	169.53	178.31	
250	166.06	174.68	
255	161.94	170.36	
260	157.17	165.36	
265	151.80	159.74	
270	145.92	153.57	
275	139.64	146.99	
280	133.15	140.21	
285	126.72	133.47	
290	120.66	127.13	
295	115.33	121.55	
300	111.14	117.17	
305	108.44	114.34	
310	107.49	113.35	
315	108.38	114.29	
320	111.02	117.04	
325	115.12	121.34	
330	120.34	126.79	
335	126.27	133.00	
340	132.55	139.57	
345	138.86	146.18	
350	144.96	152.57	
355	150.66	158.54	

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.

15 Mar 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission