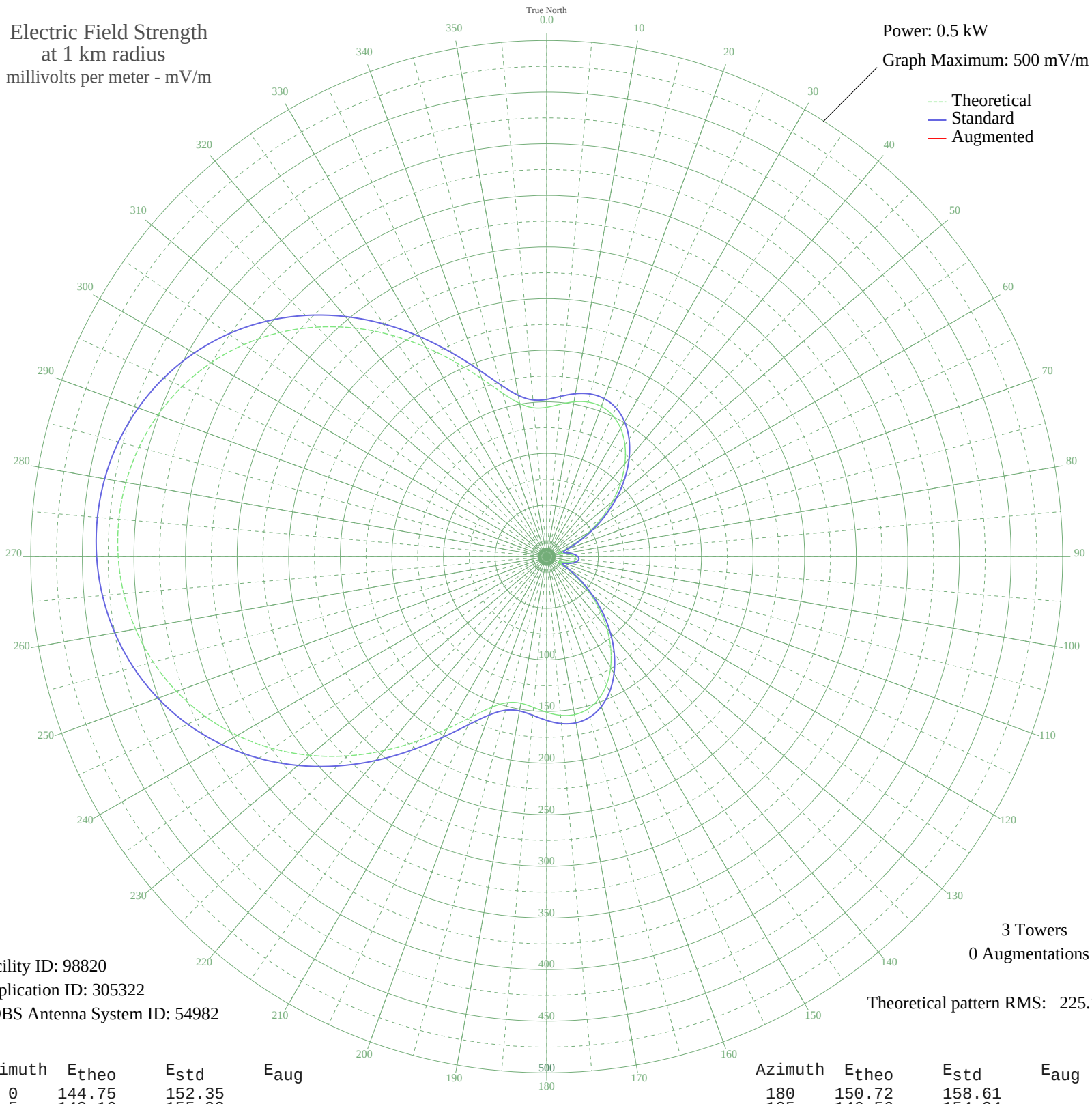
NEW SILVER BOW, MT -- 720 kHz

Nighttime

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



Power: 0.5 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

Facility ID: 98820
Application ID: 305322
CDBS Antenna System ID: 54982

3 Towers
0 Augmentations

Theoretical pattern RMS: 225.15

Azimuth	E_{theo}	E_{std}	E_{aug}
0	144.75	152.35	
5	148.16	155.92	
10	152.32	160.28	
15	155.04	163.13	
20	154.86	162.94	
25	151.04	158.93	
30	143.39	150.93	
35	132.17	139.17	
40	117.91	124.25	
45	101.37	106.95	
50	83.41	88.20	
55	64.94	68.99	
60	46.90	50.35	
65	30.35	33.55	
70	17.04	20.75	
75	12.06	16.45	
80	17.07	20.78	
85	23.22	26.55	
90	27.12	30.35	
95	28.05	31.27	
100	25.90	29.15	
105	20.95	24.37	
110	14.52	18.51	
115	12.55	16.85	
120	21.77	25.16	
125	36.71	39.95	
130	54.00	57.66	
135	72.33	76.66	
140	90.70	95.82	
145	108.21	114.10	
150	123.93	130.55	
155	137.06	144.29	
160	146.90	154.60	
165	153.02	161.02	
170	155.34	163.44	
175	154.24	162.29	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	150.72	158.61	
185	146.56	154.24	
190	144.20	151.78	
195	146.39	154.07	
200	155.16	163.25	
205	170.91	179.76	
210	192.47	202.37	
215	217.91	229.05	
220	245.27	257.74	
225	272.87	286.71	
230	299.47	314.62	
235	324.14	340.51	
240	346.28	363.75	
245	365.52	383.94	
250	381.68	400.90	
255	394.69	414.56	
260	404.58	424.94	
265	411.41	432.11	
270	415.25	436.14	
275	416.13	437.06	
280	414.07	434.90	
285	409.04	429.63	
290	401.00	421.18	
295	389.86	409.49	
300	375.59	394.51	
305	358.19	376.25	
310	337.76	354.80	
315	314.55	330.44	
320	289.02	303.65	
325	261.89	275.19	
330	234.21	246.15	
335	207.40	218.03	
340	183.26	192.71	
345	163.82	172.33	
350	150.79	158.68	
355	144.81	152.41	

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.

22 Feb 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission