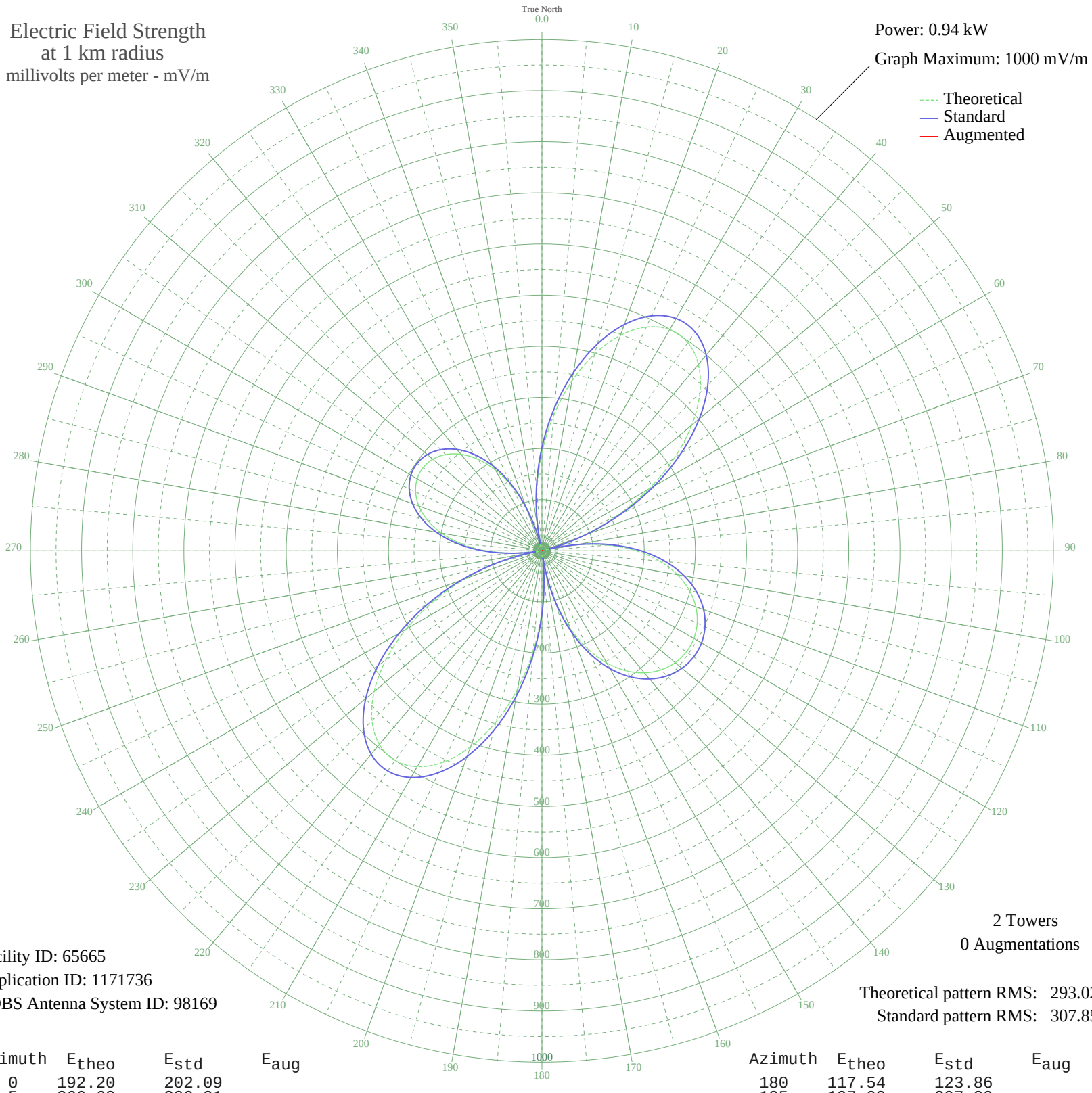
KOVO BLUFFDALE, UT BMJP-20041029AIM 960 kHz

Nighttime

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



Power: 0.94 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 65665
Application ID: 1171736
CDBS Antenna System ID: 98169

Theoretical pattern RMS: 293.02
Standard pattern RMS: 307.85

Azimuth	E_{theo}	E_{std}	E_{aug}
0	192.20	202.09	
5	266.68	280.21	
10	336.77	353.76	
15	398.59	418.65	
20	448.37	470.90	
25	482.83	507.08	
30	499.55	524.64	
35	497.24	522.21	
40	475.87	499.77	
45	436.72	458.68	
50	382.23	401.48	
55	315.71	331.66	
60	241.00	253.27	
65	162.11	170.53	
70	82.86	87.64	
75	8.80	13.99	
80	65.27	69.33	
85	128.90	135.75	
90	184.27	193.77	
95	230.88	242.65	
100	268.76	282.39	
105	298.33	313.43	
110	320.18	336.35	
115	334.89	351.79	
120	342.96	360.26	
125	344.71	362.10	
130	340.20	357.37	
135	329.26	345.88	
140	311.48	327.22	
145	286.31	300.81	
150	253.15	266.01	
155	211.46	222.28	
160	160.98	169.35	
165	101.86	107.47	
170	35.07	38.29	
175	39.75	43.03	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	117.54	123.86	
185	197.08	207.20	
190	274.62	288.54	
195	346.22	363.68	
200	407.90	428.42	
205	456.00	478.92	
210	487.57	512.05	
215	500.64	525.77	
220	494.49	519.32	
225	469.73	493.33	
230	428.17	449.70	
235	372.65	391.43	
240	306.71	322.22	
245	234.22	246.16	
250	159.01	167.29	
255	84.62	89.47	
260	14.95	18.89	
265	51.82	55.42	
270	109.21	115.15	
275	158.53	166.79	
280	199.35	209.58	
285	231.73	243.54	
290	255.98	268.99	
295	272.50	286.32	
300	281.63	295.90	
305	283.62	297.98	
310	278.50	292.62	
315	266.16	279.66	
320	246.29	258.82	
325	218.50	229.67	
330	182.44	191.85	
335	137.87	145.14	
340	84.90	89.76	
345	24.51	27.80	
350	44.56	47.95	
355	117.05	123.35	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission