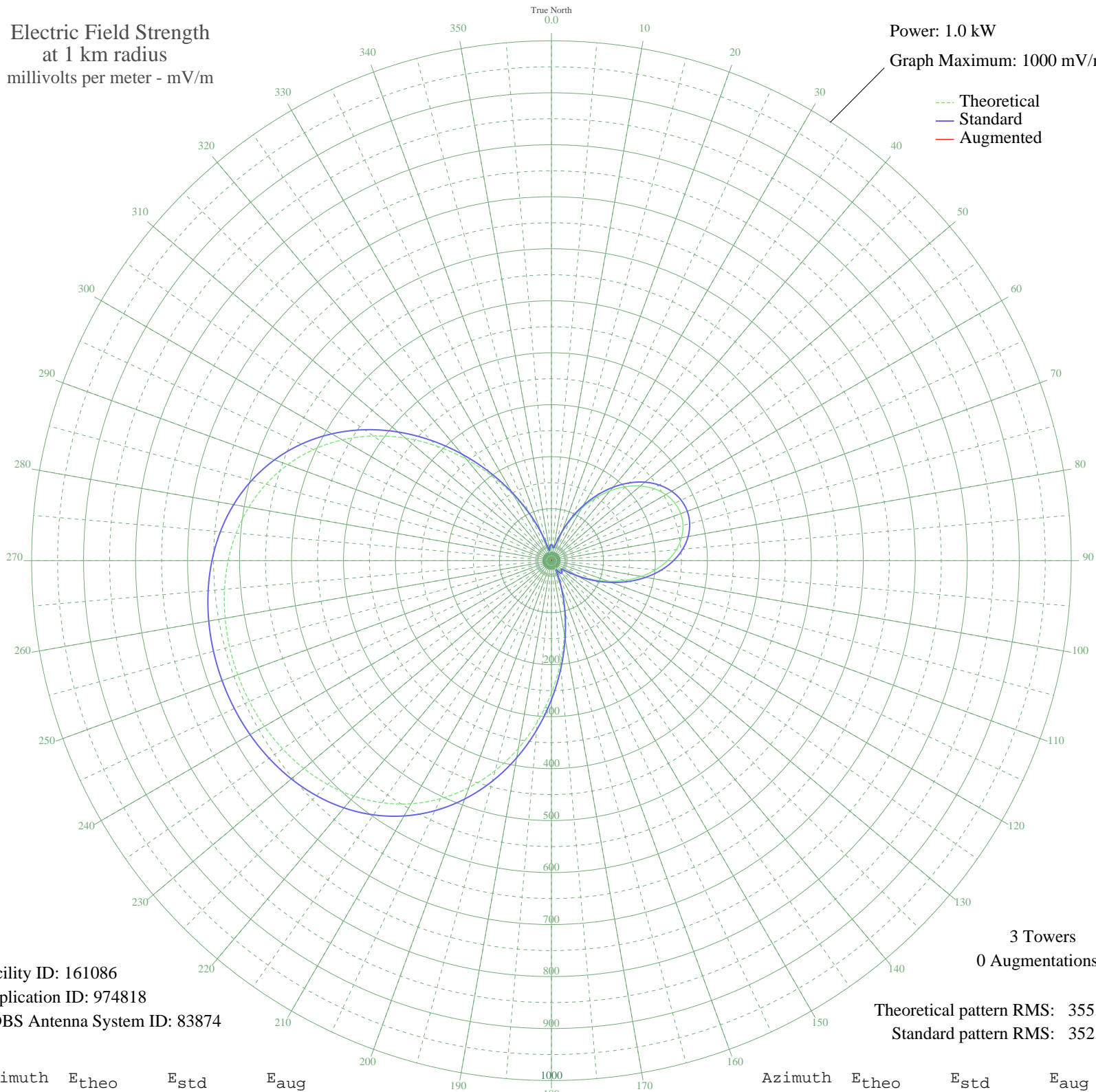


NEW SALT LAKE CITY, UT BNP-20040130AIN 770 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 161086
Application ID: 974818
CDBS Antenna System ID: 83874

3 Towers
0 Augmentations

Theoretical pattern RMS: 355.68
Standard pattern RMS: 352.62

Azimuth	E _{theo}	E _{std}	E _{aug}
0	27.93	31.32	
5	24.23	27.71	
10	21.24	24.86	
15	32.82	36.17	
20	56.39	60.22	
25	85.15	90.07	
30	115.83	122.11	
35	146.37	154.08	
40	175.21	184.30	
45	201.18	211.52	
50	223.37	234.79	
55	241.16	253.45	
60	254.12	267.05	
65	261.98	275.30	
70	264.62	278.07	
75	261.99	275.30	
80	254.12	267.05	
85	241.16	253.45	
90	223.37	234.79	
95	201.18	211.52	
100	175.22	184.30	
105	146.37	154.08	
110	115.83	122.11	
115	85.15	90.08	
120	56.39	60.22	
125	32.82	36.17	
130	21.24	24.86	
135	24.23	27.71	
140	27.93	31.32	
145	24.99	28.44	
150	16.25	20.29	
155	22.83	26.37	
160	53.20	56.93	
165	94.72	100.06	
170	143.76	151.35	
175	197.84	208.03	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	254.54	267.49	
185	311.50	327.26	
190	366.59	385.08	
195	418.05	439.09	
200	464.56	487.91	
205	505.30	530.67	
210	539.89	566.99	
215	568.39	596.91	
220	591.17	620.82	
225	608.78	639.32	
230	621.92	653.11	
235	631.28	662.93	
240	637.46	669.43	
245	640.97	673.11	
250	642.10	674.30	
255	640.97	673.11	
260	637.46	669.43	
265	631.28	662.93	
270	621.92	653.11	
275	608.78	639.32	
280	591.17	620.82	
285	568.39	596.91	
290	539.89	566.99	
295	505.30	530.67	
300	464.56	487.91	
305	418.05	439.09	
310	366.59	385.08	
315	311.50	327.26	
320	254.54	267.49	
325	197.84	208.03	
330	143.76	151.35	
335	94.72	100.06	
340	53.20	56.93	
345	22.83	26.37	
350	16.25	20.29	
355	24.99	28.45	

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 Feb 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission