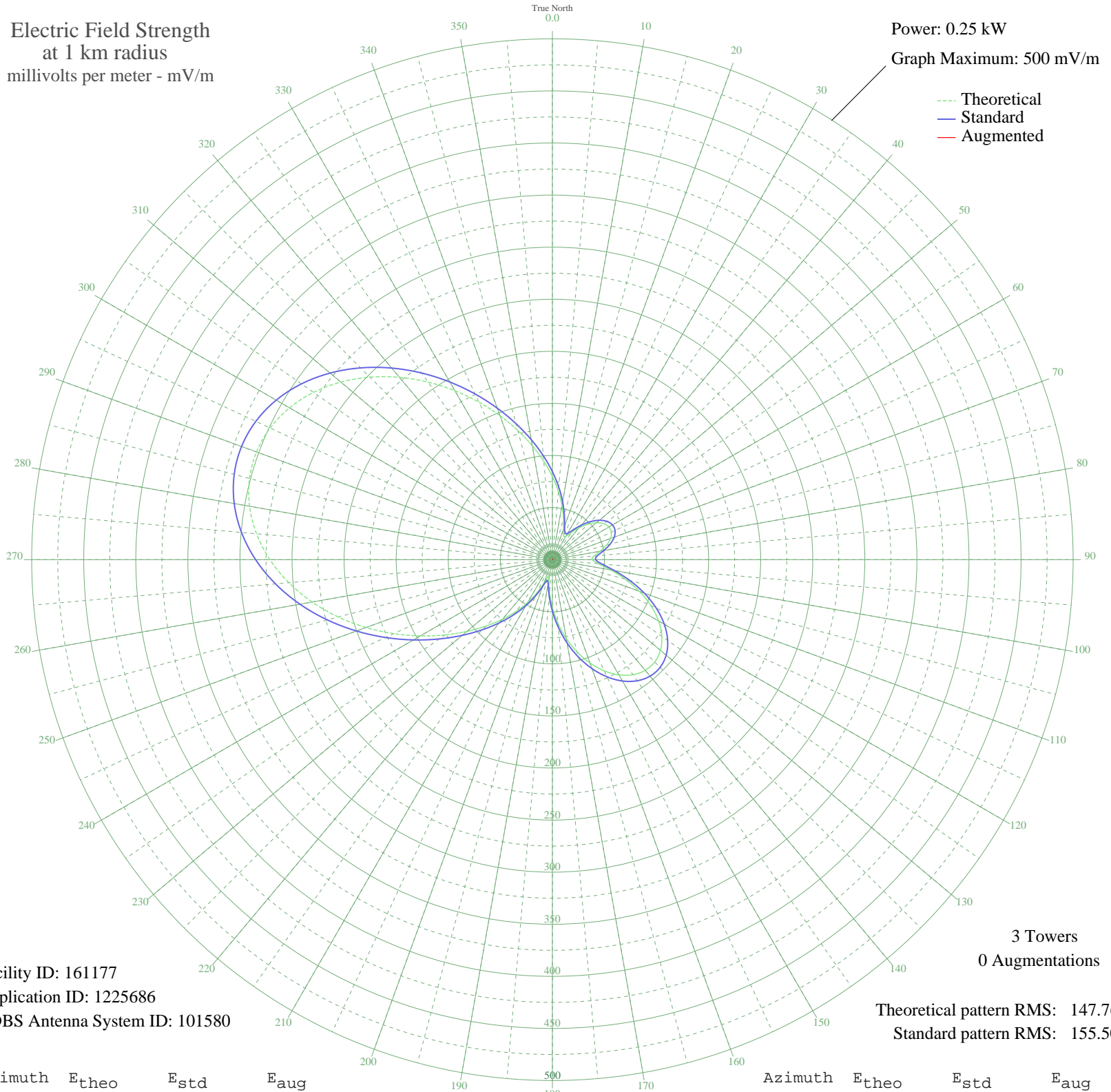


NEW PROVIDENCE, UT BNP-20071221AAP 1090 kHz

Nighttime

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

Power: 0.25 kW
Graph Maximum: 500 mV/m



Facility ID: 161177
Application ID: 1225686
CDBS Antenna System ID: 101580

3 Towers
0 Augmentations

Theoretical pattern RMS: 147.76
Standard pattern RMS: 155.50

Azimuth	E _{theo}	E _{std}	E _{aug}
0	79.83	84.48	
5	65.85	69.93	
10	52.83	56.45	
15	40.97	44.28	
20	31.10	34.31	
25	25.26	28.53	
30	25.83	29.08	
35	31.80	35.00	
40	39.96	43.25	
45	48.13	51.62	
50	55.11	58.81	
55	60.14	64.01	
60	62.68	66.65	
65	62.43	66.39	
70	59.33	63.17	
75	53.70	57.36	
80	46.54	49.98	
85	40.07	43.36	
90	38.23	41.49	
95	44.21	47.59	
100	56.71	60.46	
105	72.41	76.75	
110	88.82	93.85	
115	104.31	110.03	
120	117.74	124.07	
125	128.29	135.11	
130	135.44	142.60	
135	138.91	146.23	
140	138.64	145.95	
145	134.79	141.92	
150	127.69	134.48	
155	117.76	124.10	
160	105.57	111.34	
165	91.68	96.83	
170	76.70	81.22	
175	61.24	65.15	

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 Aug 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	45.93	49.36	
185	31.63	34.83	
190	20.18	23.65	
195	16.86	20.59	
200	23.98	27.28	
205	35.14	38.36	
210	47.46	50.93	
215	60.55	64.44	
220	74.64	79.07	
225	90.08	95.16	
230	107.16	113.00	
235	125.97	132.69	
240	146.40	154.07	
245	168.07	176.78	
250	190.43	200.22	
255	212.75	223.63	
260	234.22	246.16	
265	253.99	266.90	
270	271.24	284.99	
275	285.20	299.65	
280	295.30	310.24	
285	301.08	316.31	
290	302.34	317.63	
295	299.07	314.20	
300	291.49	306.25	
305	280.01	294.20	
310	265.20	278.66	
315	247.76	260.36	
320	228.45	240.10	
325	208.04	218.70	
330	187.27	196.91	
335	166.77	175.42	
340	147.02	154.73	
345	128.37	135.20	
350	110.97	116.99	
355	94.83	100.12	