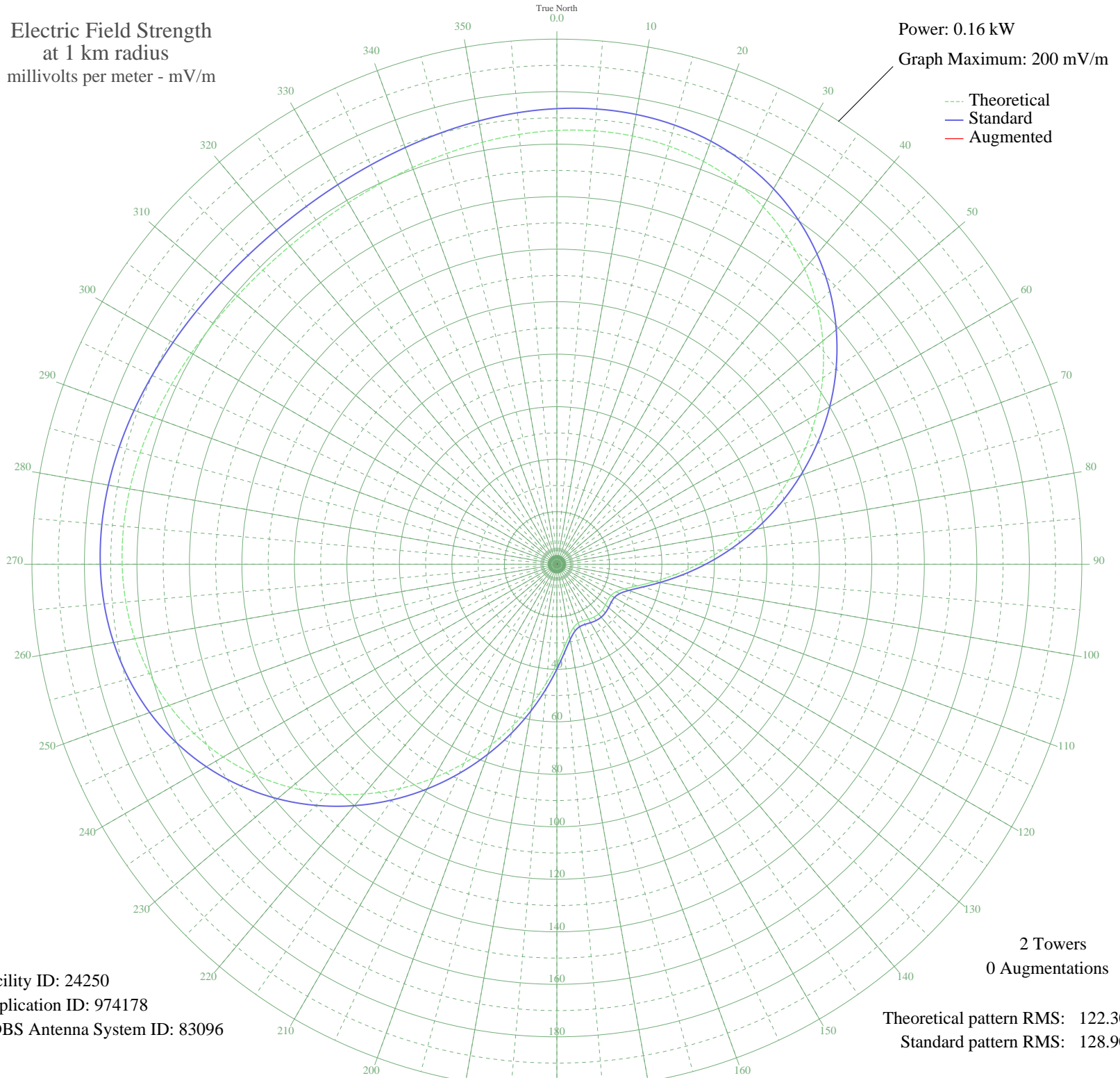


KOLJ LAYTON, UT BMJP-20040129ARD 1200 kHz

Nighttime

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

Power: 0.16 kW
Graph Maximum: 200 mV/m



Facility ID: 24250
Application ID: 974178
CDBS Antenna System ID: 83096

Theoretical pattern RMS: 122.30
Standard pattern RMS: 128.90

Azimuth	E _{theo}	E _{std}	E _{aug}
0	165.21	173.53	
5	165.70	174.03	
10	165.63	173.96	
15	164.87	173.16	
20	163.28	171.49	
25	160.75	168.84	
30	157.19	165.10	
35	152.56	160.24	
40	146.83	154.23	
45	140.05	147.11	
50	132.28	138.96	
55	123.63	129.88	
60	114.25	120.04	
65	104.32	109.61	
70	94.02	98.81	
75	83.59	87.87	
80	73.26	77.04	
85	63.26	66.56	
90	53.85	56.70	
95	45.28	47.73	
100	37.84	39.96	
105	31.82	33.68	
110	27.47	29.15	
115	24.87	26.44	
120	23.79	25.33	
125	23.75	25.28	
130	24.15	25.71	
135	24.57	26.14	
140	24.74	26.31	
145	24.57	26.14	
150	24.15	25.71	
155	23.75	25.28	
160	23.79	25.33	
165	24.87	26.44	
170	27.47	29.15	
175	31.82	33.68	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	37.84	39.96	
185	45.28	47.73	
190	53.85	56.70	
195	63.26	66.56	
200	73.26	77.04	
205	83.59	87.87	
210	94.02	98.81	
215	104.32	109.61	
220	114.25	120.04	
225	123.63	129.88	
230	132.28	138.96	
235	140.05	147.11	
240	146.83	154.23	
245	152.56	160.24	
250	157.19	165.10	
255	160.75	168.84	
260	163.28	171.49	
265	164.87	173.16	
270	165.63	173.96	
275	165.70	174.03	
280	165.21	173.53	
285	164.34	172.60	
290	163.21	171.43	
295	161.99	170.14	
300	160.80	168.89	
305	159.75	167.79	
310	158.93	166.93	
315	158.41	166.38	
320	158.23	166.20	
325	158.41	166.38	
330	158.93	166.93	
335	159.75	167.79	
340	160.80	168.89	
345	161.99	170.14	
350	163.21	171.43	
355	164.34	172.60	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission