

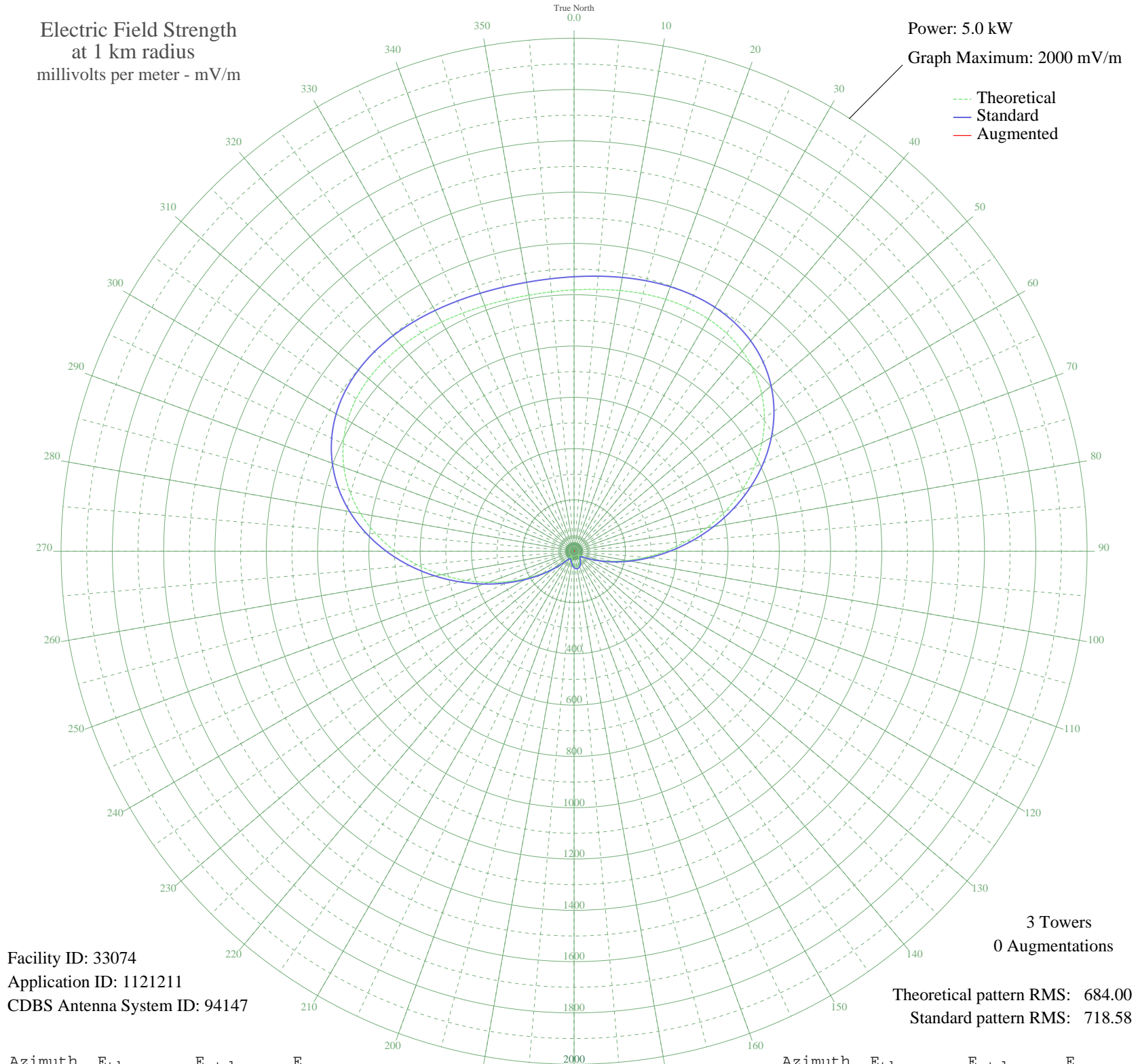
KNUU PARADISE, NV BL-20060309AEM 970 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 33074
Application ID: 1121211
CDBS Antenna System ID: 94147

3 Towers
0 Augmentations

Theoretical pattern RMS: 684.00
Standard pattern RMS: 718.58

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1018.88	1070.08	
5	1024.81	1076.30	
10	1031.93	1083.78	
15	1039.11	1091.32	
20	1044.91	1097.40	
25	1047.67	1100.30	
30	1045.60	1098.13	
35	1036.86	1088.96	
40	1019.73	1070.98	
45	992.76	1042.66	
50	954.91	1002.93	
55	905.76	951.33	
60	845.56	888.15	
65	775.37	814.47	
70	696.94	732.16	
75	612.71	643.78	
80	525.59	552.37	
85	438.73	461.26	
90	355.26	373.77	
95	278.06	292.91	
100	209.48	221.20	
105	151.20	160.49	
110	104.17	111.87	
115	68.56	75.72	
120	43.83	51.66	
125	28.88	38.35	
130	22.18	33.07	
135	21.97	32.92	
140	26.37	36.30	
145	33.56	42.34	
150	41.87	49.84	
155	49.88	57.39	
160	56.43	63.73	
165	60.70	67.92	
170	62.18	69.38	
175	60.70	67.92	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	56.43	63.73	
185	49.88	57.39	
190	41.87	49.84	
195	33.56	42.34	
200	26.37	36.30	
205	21.97	32.92	
210	22.18	33.07	
215	28.88	38.35	
220	43.83	51.66	
225	68.56	75.72	
230	104.17	111.87	
235	151.20	160.49	
240	209.47	221.20	
245	278.06	292.91	
250	355.26	373.77	
255	438.73	461.26	
260	525.59	552.37	
265	612.71	643.78	
270	696.94	732.16	
275	775.37	814.47	
280	845.56	888.15	
285	905.76	951.33	
290	954.91	1002.93	
295	992.76	1042.66	
300	1019.73	1070.98	
305	1036.86	1088.96	
310	1045.60	1098.13	
315	1047.67	1100.30	
320	1044.91	1097.40	
325	1039.11	1091.32	
330	1031.93	1083.78	
335	1024.81	1076.30	
340	1018.88	1070.08	
345	1014.98	1065.99	
350	1013.63	1064.57	
355	1014.98	1065.99	

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