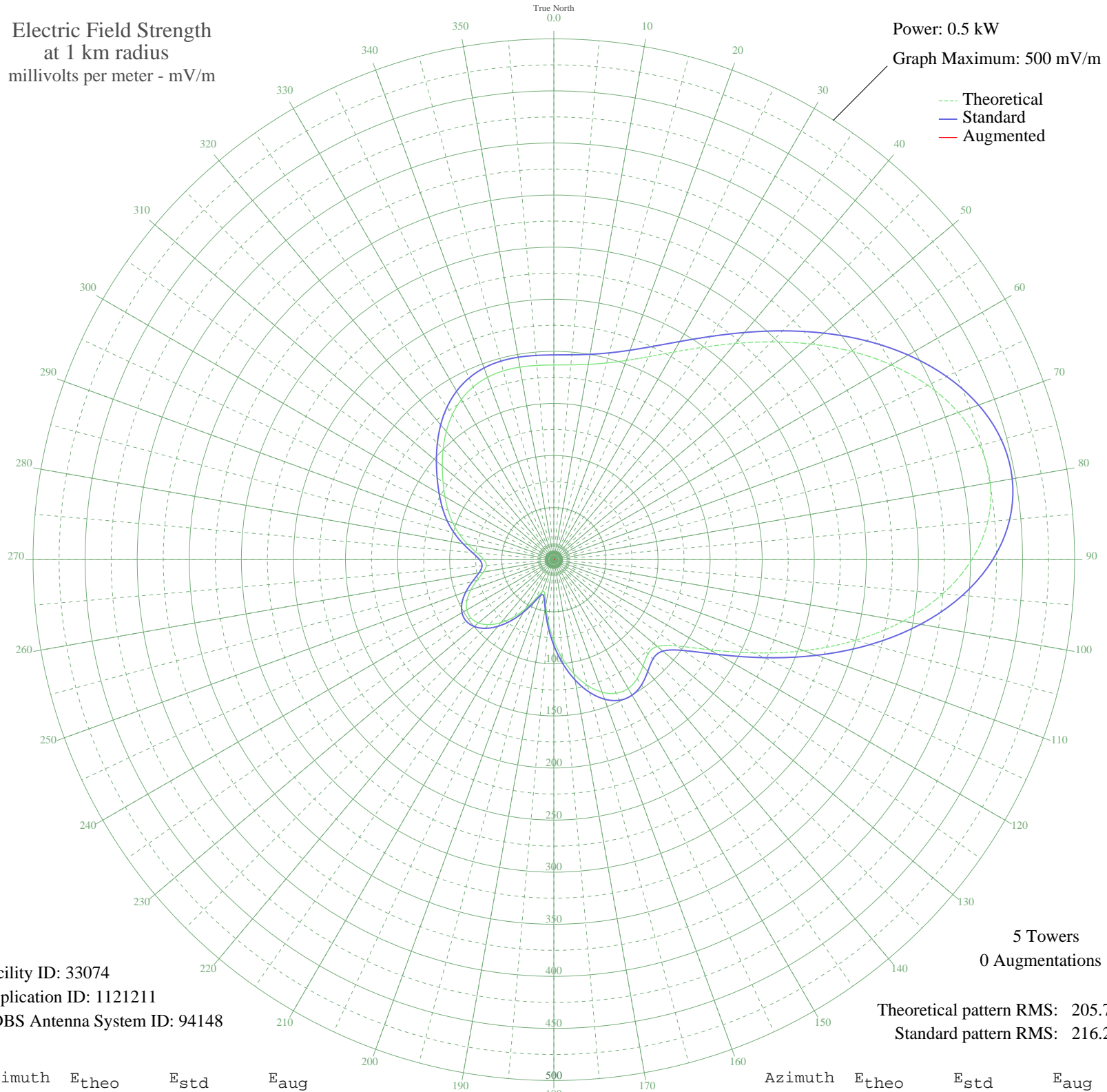


KNUU PARADISE, NV BL-20060309AEM 970 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 33074
Application ID: 1121211
CDBS Antenna System ID: 94148

5 Towers
0 Augmentations

Theoretical pattern RMS: 205.75
Standard pattern RMS: 216.29

Azimuth	E _{theo}	E _{std}	E _{aug}
0	186.92	196.55	
5	187.75	197.42	
10	190.39	200.19	
15	195.47	205.51	
20	203.53	213.96	
25	214.99	225.98	
30	230.09	241.82	
35	248.83	261.48	
40	270.91	284.65	
45	295.65	310.61	
50	322.04	338.31	
55	348.71	366.29	
60	374.01	392.85	
65	396.13	416.07	
70	413.22	434.00	
75	423.50	444.80	
80	425.51	446.90	
85	418.22	439.26	
90	401.23	421.43	
95	374.88	393.77	
100	340.32	357.49	
105	299.57	314.72	
110	255.48	268.46	
115	211.78	222.61	
120	173.05	182.01	
125	144.42	152.01	
130	129.68	136.56	
135	127.86	134.67	
140	133.18	140.23	
145	139.43	146.77	
150	142.74	150.25	
155	141.48	148.92	
160	135.40	142.55	
165	125.01	131.68	
170	111.23	117.26	
175	95.08	100.38	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	77.66	82.22	
185	60.20	64.08	
190	44.45	47.84	
195	33.76	36.97	
200	33.04	36.25	
205	41.77	45.10	
210	54.36	58.03	
215	67.29	71.44	
220	78.91	83.52	
225	88.22	93.23	
230	94.53	99.81	
235	97.35	102.76	
240	96.47	101.83	
245	92.06	97.23	
250	84.85	89.71	
255	76.32	80.82	
260	68.79	72.99	
265	65.13	69.19	
270	67.17	71.31	
275	74.18	78.59	
280	83.77	88.58	
285	93.81	99.06	
290	103.27	108.94	
295	112.06	118.13	
300	120.71	127.18	
305	129.86	136.75	
310	139.80	147.16	
315	150.28	158.15	
320	160.62	168.98	
325	169.96	178.77	
330	177.56	186.74	
335	183.01	192.45	
340	186.25	195.84	
345	187.60	197.26	
350	187.65	197.31	
355	187.15	196.79	

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