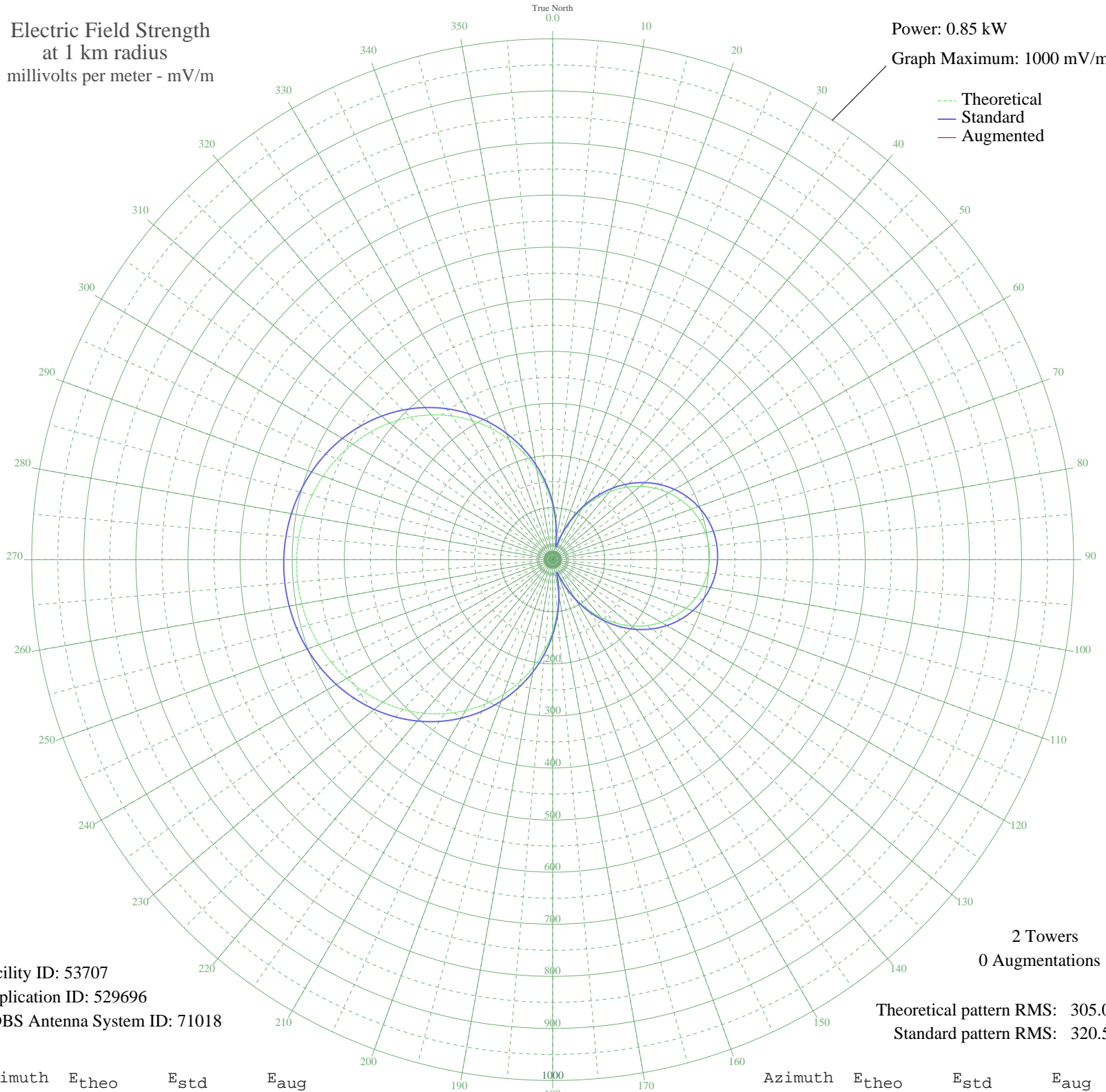


# KIHM RENO, NV BML-20000607AFN 920 kHz

Nighttime

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

Power: 0.85 kW  
Graph Maximum: 1000 mV/m



Facility ID: 53707  
Application ID: 529696  
CDBS Antenna System ID: 71018

2 Towers  
0 Augmentations

Theoretical pattern RMS: 305.07  
Standard pattern RMS: 320.55

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	103.36	109.26	
5	67.41	71.90	
10	34.30	38.16	
15	22.88	27.13	
20	49.16	53.14	
25	81.18	86.16	
30	112.66	118.96	
35	142.55	150.20	
40	170.38	179.34	
45	195.88	206.06	
50	218.85	230.14	
55	239.16	251.43	
60	256.69	269.81	
65	271.38	285.22	
70	283.18	297.61	
75	292.08	306.94	
80	298.06	313.21	
85	301.10	316.41	
90	301.22	316.53	
95	298.41	313.58	
100	292.67	307.56	
105	284.00	298.47	
110	272.43	286.32	
115	257.97	271.16	
120	240.66	253.01	
125	220.58	231.95	
130	197.81	208.09	
135	172.51	181.57	
140	144.85	152.62	
145	115.12	121.53	
150	83.74	88.82	
155	51.68	55.71	
160	24.17	28.33	
165	32.03	35.91	
170	64.60	68.99	
175	100.46	106.23	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	136.85	144.25	
185	172.96	182.05	
190	208.28	219.05	
195	242.39	254.82	
200	274.96	288.98	
205	305.70	321.23	
210	334.38	351.33	
215	360.82	379.07	
220	384.89	404.33	
225	406.51	427.02	
230	425.64	447.09	
235	442.26	464.54	
240	456.40	479.38	
245	468.09	491.65	
250	477.38	501.41	
255	484.32	508.69	
260	488.95	513.55	
265	491.30	516.02	
270	491.39	516.11	
275	489.22	513.84	
280	484.77	509.17	
285	478.02	502.08	
290	468.92	492.53	
295	457.42	480.46	
300	443.48	465.82	
305	427.06	448.59	
310	408.13	428.72	
315	386.71	406.24	
320	362.84	381.19	
325	336.58	353.63	
330	308.07	323.72	
335	277.49	291.63	
340	245.06	257.62	
345	211.06	221.97	
350	175.82	185.04	
355	139.76	147.29	

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