

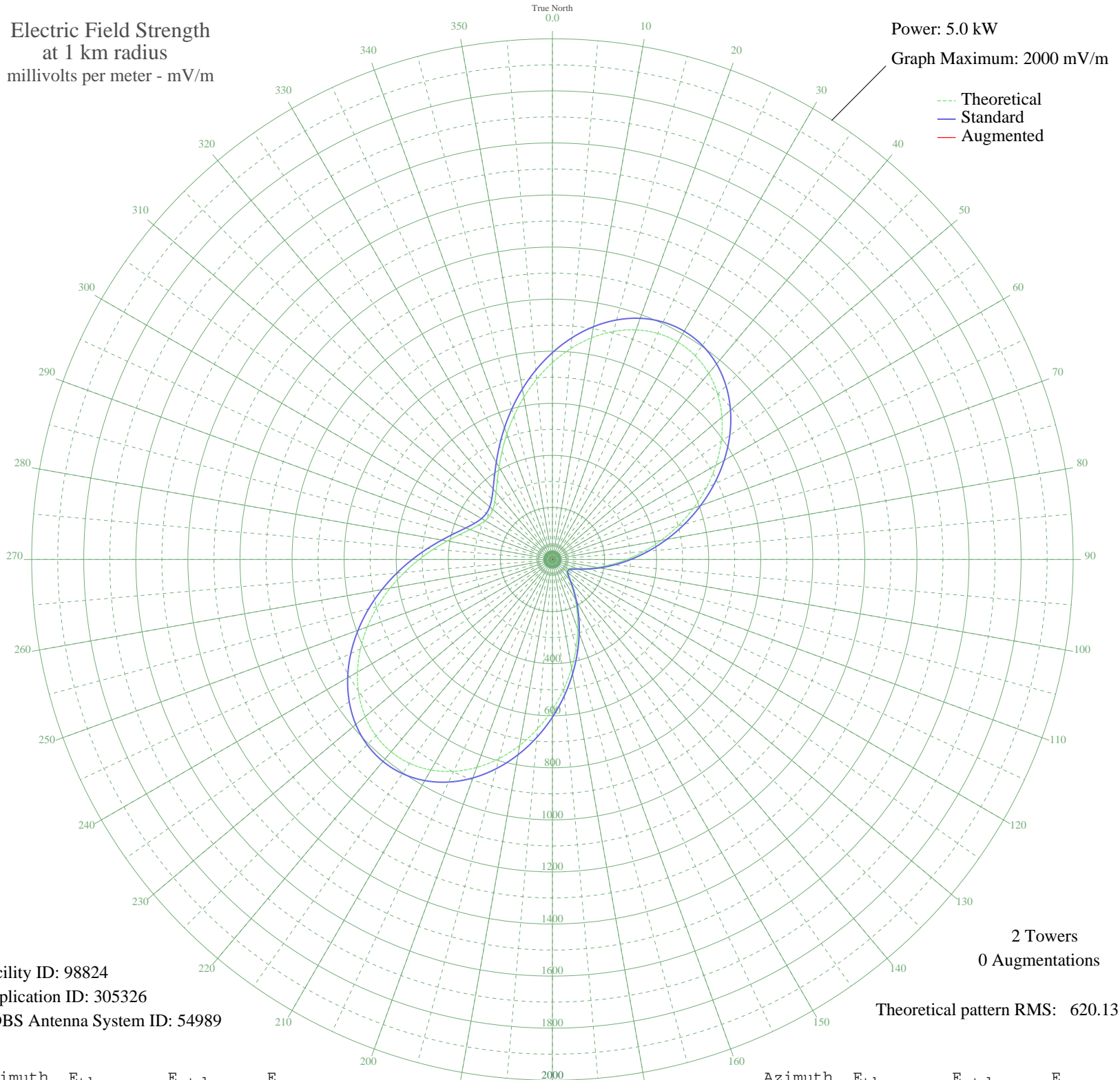
831108 PRINCE RUPERT, BC Canada -- 720 kHz

Nighttime

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m



Facility ID: 98824  
Application ID: 305326  
CDBS Antenna System ID: 54989

2 Towers  
0 Augmentations

Theoretical pattern RMS: 620.13

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	756.35	794.51	
5	813.56	854.56	
10	864.51	908.04	
15	906.90	952.54	
20	938.66	985.88	
25	958.11	1006.29	
30	964.05	1012.52	
35	955.86	1003.93	
40	933.58	980.54	
45	897.86	943.04	
50	849.95	892.75	
55	791.60	831.51	
60	724.95	761.56	
65	652.40	685.42	
70	576.44	605.72	
75	499.55	525.05	
80	424.05	445.87	
85	352.09	370.44	
90	285.51	300.70	
95	225.91	238.37	
100	174.64	184.87	
105	132.82	141.42	
110	101.31	108.94	
115	80.42	87.64	
120	69.24	76.39	
125	65.87	73.04	
130	69.23	76.39	
135	80.42	87.64	
140	101.31	108.94	
145	132.82	141.42	
150	174.64	184.87	
155	225.91	238.37	
160	285.51	300.70	
165	352.09	370.44	
170	424.05	445.87	
175	499.54	525.05	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	576.44	605.72	
185	652.40	685.42	
190	724.95	761.56	
195	791.60	831.51	
200	849.95	892.75	
205	897.86	943.04	
210	933.58	980.54	
215	955.86	1003.93	
220	964.05	1012.52	
225	958.11	1006.29	
230	938.66	985.88	
235	906.90	952.54	
240	864.51	908.04	
245	813.56	854.56	
250	756.44	794.51	
255	695.30	730.44	
260	632.79	664.84	
265	571.09	600.10	
270	512.24	538.37	
275	458.03	481.51	
280	409.96	431.10	
285	369.21	388.38	
290	336.69	354.30	
295	313.05	329.54	
300	298.72	314.53	
305	293.92	309.51	
310	298.72	314.53	
315	313.05	329.54	
320	336.69	354.30	
325	369.21	388.38	
330	409.96	431.10	
335	458.03	481.51	
340	512.24	538.36	
345	571.09	600.10	
350	632.79	664.84	
355	695.30	730.44	

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.

31 Aug 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission