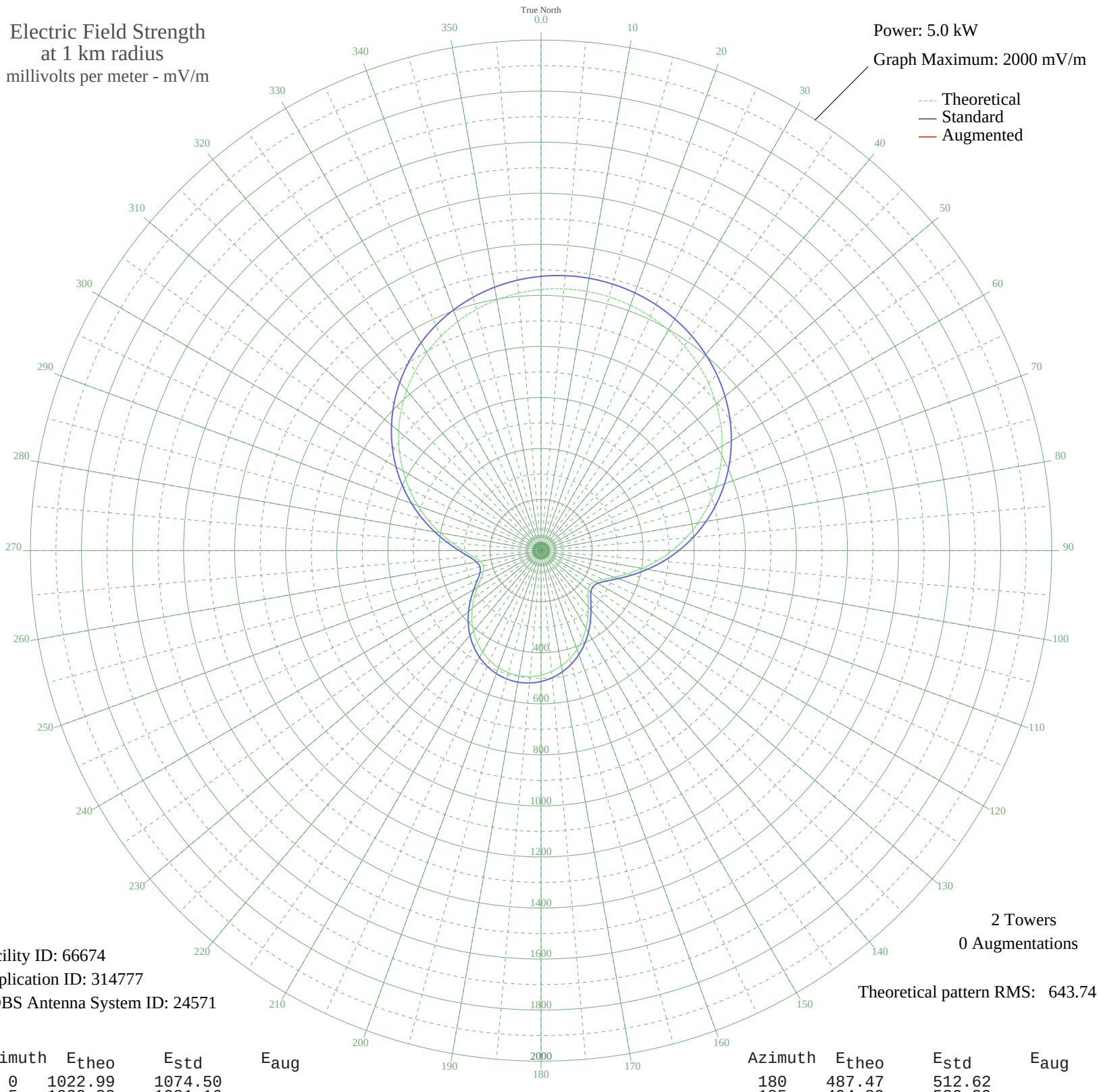
WZON BANGOR, ME BL-- 620 kHz

Nighttime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 66674
Application ID: 314777
CDBS Antenna System ID: 24571

Theoretical pattern RMS: 643.74

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1022.99	1074.50	
5	1029.32	1081.16	
10	1031.43	1083.37	
15	1029.32	1081.16	
20	1022.99	1074.50	
25	1012.41	1063.40	
30	997.56	1047.82	
35	978.44	1027.74	
40	955.01	1003.16	
45	927.31	974.08	
50	895.35	940.54	
55	859.23	902.63	
60	819.10	860.51	
65	775.16	814.40	
70	727.72	764.62	
75	677.17	711.59	
80	624.04	655.85	
85	568.99	598.10	
90	512.85	539.22	
95	456.67	480.33	
100	401.83	422.86	
105	350.17	368.75	
110	304.16	320.61	
115	267.10	281.86	
120	242.76	256.45	
125	234.11	247.42	
130	241.20	254.82	
135	260.82	275.31	
140	288.37	304.09	
145	319.75	336.91	
150	351.99	370.66	
155	383.09	403.23	
160	411.73	433.23	
165	437.00	459.71	
170	458.30	482.03	
175	475.21	499.77	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	487.47	512.62	
185	494.89	520.39	
190	497.37	523.00	
195	494.89	520.39	
200	487.47	512.62	
205	475.21	499.77	
210	458.30	482.03	
215	437.00	459.71	
220	411.73	433.23	
225	383.09	403.23	
230	351.99	370.66	
235	319.75	336.91	
240	288.37	304.09	
245	260.82	275.31	
250	241.20	254.82	
255	234.11	247.42	
260	242.76	256.45	
265	267.10	281.86	
270	304.16	320.61	
275	350.17	368.75	
280	401.83	422.86	
285	456.67	480.33	
290	512.85	539.22	
295	568.99	598.10	
300	624.05	655.85	
305	677.17	711.59	
310	727.72	764.62	
315	775.16	814.40	
320	819.10	860.51	
325	859.23	902.63	
330	895.35	940.54	
335	927.31	974.08	
340	955.02	1003.16	
345	978.44	1027.74	
350	997.56	1047.82	
355	1012.41	1063.40	

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