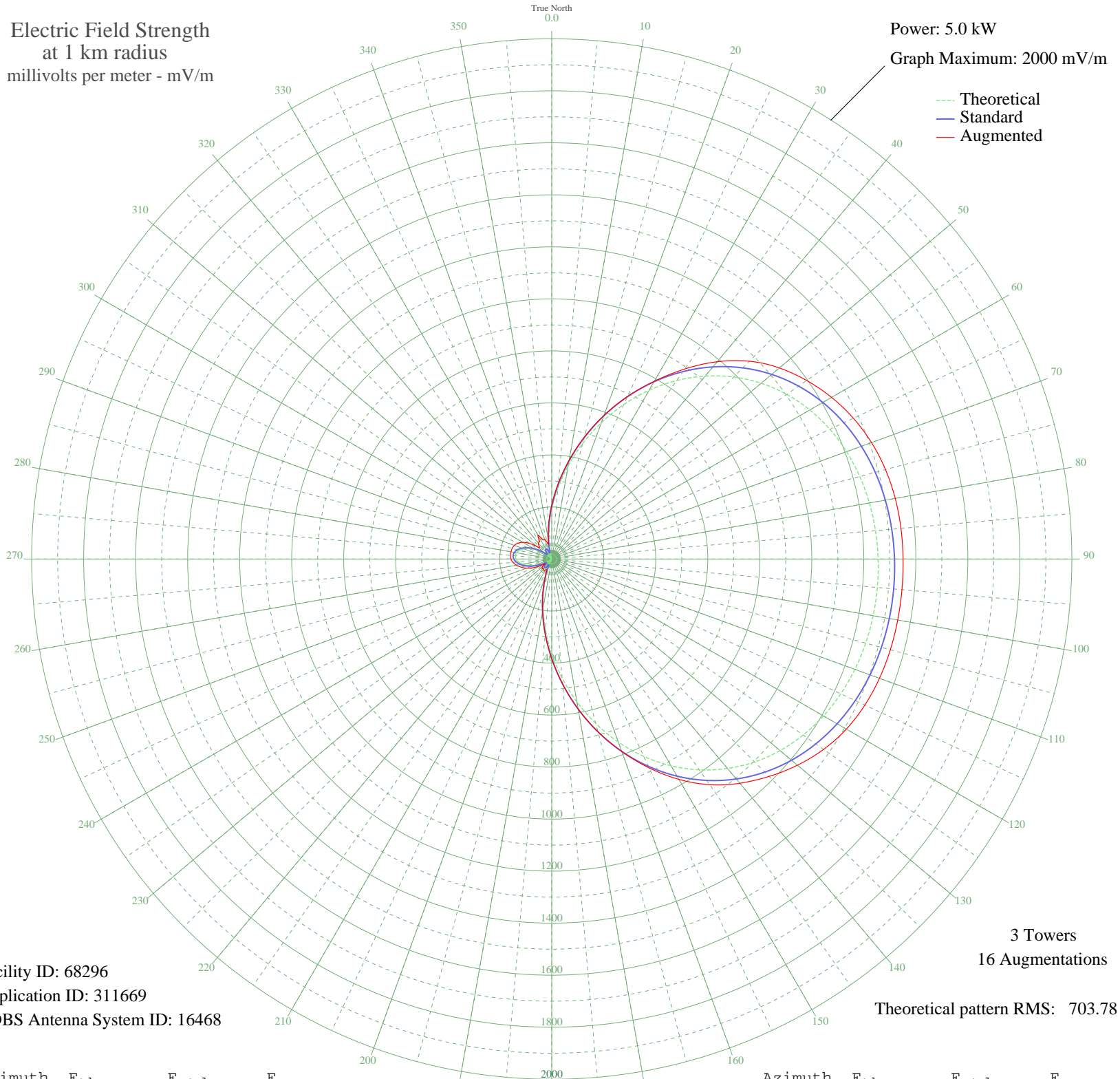


WFAU GARDINER, ME BL-- 1280 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 68296
Application ID: 311669
CDBS Antenna System ID: 16468

3 Towers
16 Augmentations
Theoretical pattern RMS: 703.78

Azimuth	E _{theo}	E _{std}	E _{aug}
0	192.10	203.07	207.86
5	273.82	288.47	292.69
10	363.91	382.82	386.24
15	459.51	483.06	485.59
20	557.59	585.94	587.62
25	655.07	688.22	689.18
30	749.14	786.94	789.02
35	837.36	879.54	891.88
40	917.87	964.05	990.09
45	989.38	1039.11	1075.32
50	1051.23	1104.04	1142.64
55	1103.33	1158.74	1196.59
60	1146.06	1203.60	1242.57
65	1180.15	1239.38	1280.01
70	1206.54	1267.08	1308.61
75	1226.28	1287.81	1328.67
80	1240.39	1302.62	1341.22
85	1249.76	1312.45	1348.01
90	1255.09	1318.05	1351.04
95	1256.81	1319.86	1351.85
100	1255.09	1318.05	1351.03
105	1249.76	1312.45	1347.98
110	1240.39	1302.62	1341.15
115	1226.28	1287.81	1328.58
120	1206.54	1267.08	1308.07
125	1180.15	1239.38	1276.13
130	1146.06	1203.60	1233.30
135	1103.33	1158.74	1182.12
140	1051.23	1104.04	1125.46
145	989.38	1039.11	1059.21
150	917.87	964.05	978.47
155	837.36	879.54	886.30
160	749.14	786.94	787.86
165	655.07	688.22	688.22
170	557.59	585.94	585.94
175	459.51	483.06	483.06

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	363.91	382.82	382.82
185	273.82	288.47	288.47
190	192.10	203.07	203.07
195	121.12	129.33	129.33
200	62.66	69.85	72.63
205	17.74	29.97	45.66
210	13.38	27.36	48.28
215	31.19	40.30	53.02
220	36.87	45.28	49.45
225	32.10	41.08	51.50
230	18.94	30.77	48.28
235	0.36	23.48	32.46
240	23.52	34.07	54.18
245	48.33	55.91	79.67
250	72.79	79.96	102.76
255	95.18	102.66	121.66
260	114.07	122.05	137.51
265	128.34	136.79	149.47
270	137.21	145.97	156.85
275	140.22	149.09	159.34
280	137.21	145.97	159.08
285	128.34	136.79	157.57
290	114.07	122.05	153.05
295	95.18	102.66	143.67
300	72.79	79.96	128.06
305	48.33	55.91	104.23
310	23.52	34.07	73.65
315	0.36	23.48	67.25
320	18.94	30.77	80.47
325	32.10	41.08	81.64
330	36.87	45.28	105.65
335	31.19	40.30	81.85
340	13.38	27.36	80.47
345	17.74	29.97	62.75
350	62.66	69.85	74.41
355	121.12	129.33	134.31