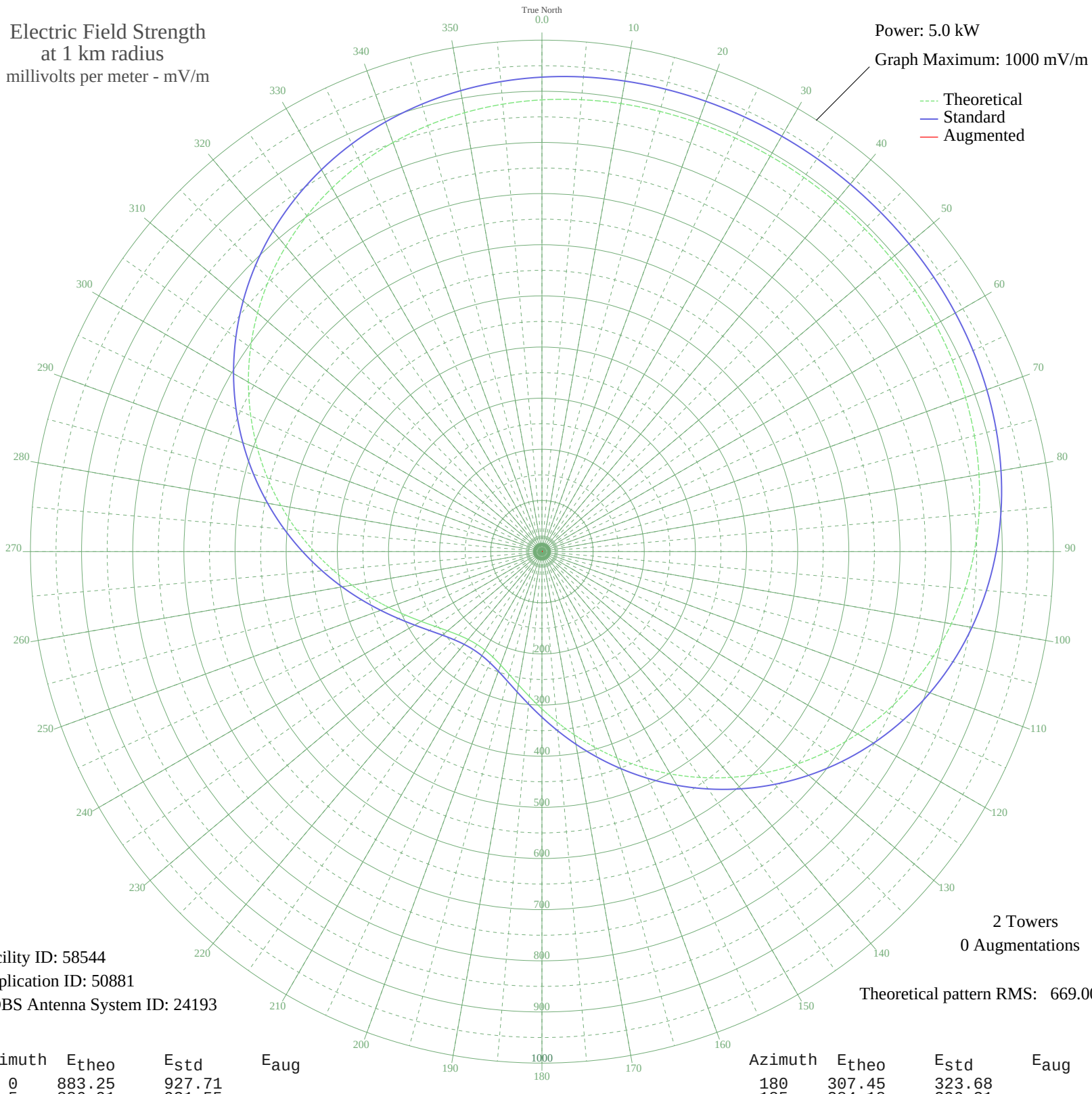
WGAN PORTLAND, ME BL-19821227AF 560 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 58544
Application ID: 50881
CDBS Antenna System ID: 24193

Theoretical pattern RMS: 669.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	883.25	927.71	
5	886.91	931.55	
10	889.41	934.18	
15	891.05	935.90	
20	892.05	936.95	
25	892.62	937.55	
30	892.89	937.83	
35	892.95	937.89	
40	892.80	937.74	
45	892.41	937.33	
50	891.68	936.55	
55	890.42	935.24	
60	888.43	933.15	
65	885.46	930.03	
70	881.21	925.56	
75	875.38	919.44	
80	867.66	911.35	
85	857.77	900.96	
90	845.43	888.02	
95	830.44	872.28	
100	812.64	853.59	
105	791.92	831.85	
110	768.30	807.06	
115	741.85	779.30	
120	712.74	748.75	
125	681.23	715.68	
130	647.66	680.45	
135	612.44	643.49	
140	576.05	605.31	
145	539.01	566.45	
150	501.87	527.49	
155	465.19	489.02	
160	429.54	451.63	
165	395.46	415.89	
170	363.45	382.35	
175	333.98	351.47	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	307.45	323.68	
185	284.18	299.31	
190	264.42	278.63	
195	248.32	261.79	
200	235.98	248.89	
205	227.42	239.94	
210	222.62	234.93	
215	221.57	233.83	
220	224.27	236.65	
225	230.72	243.39	
230	240.95	254.08	
235	254.94	268.72	
240	272.67	287.26	
245	294.00	309.59	
250	318.74	335.50	
255	346.61	364.70	
260	377.25	396.81	
265	410.23	431.38	
270	445.07	467.91	
275	481.24	505.84	
280	518.19	544.61	
285	555.36	583.60	
290	592.18	622.23	
295	628.11	659.94	
300	662.66	696.19	
305	695.37	730.52	
310	725.86	762.52	
315	753.83	791.87	
320	779.05	818.34	
325	801.40	841.80	
330	820.83	862.19	
335	837.38	879.56	
340	851.18	894.04	
345	862.41	905.83	
350	871.31	915.17	
355	878.15	922.36	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission