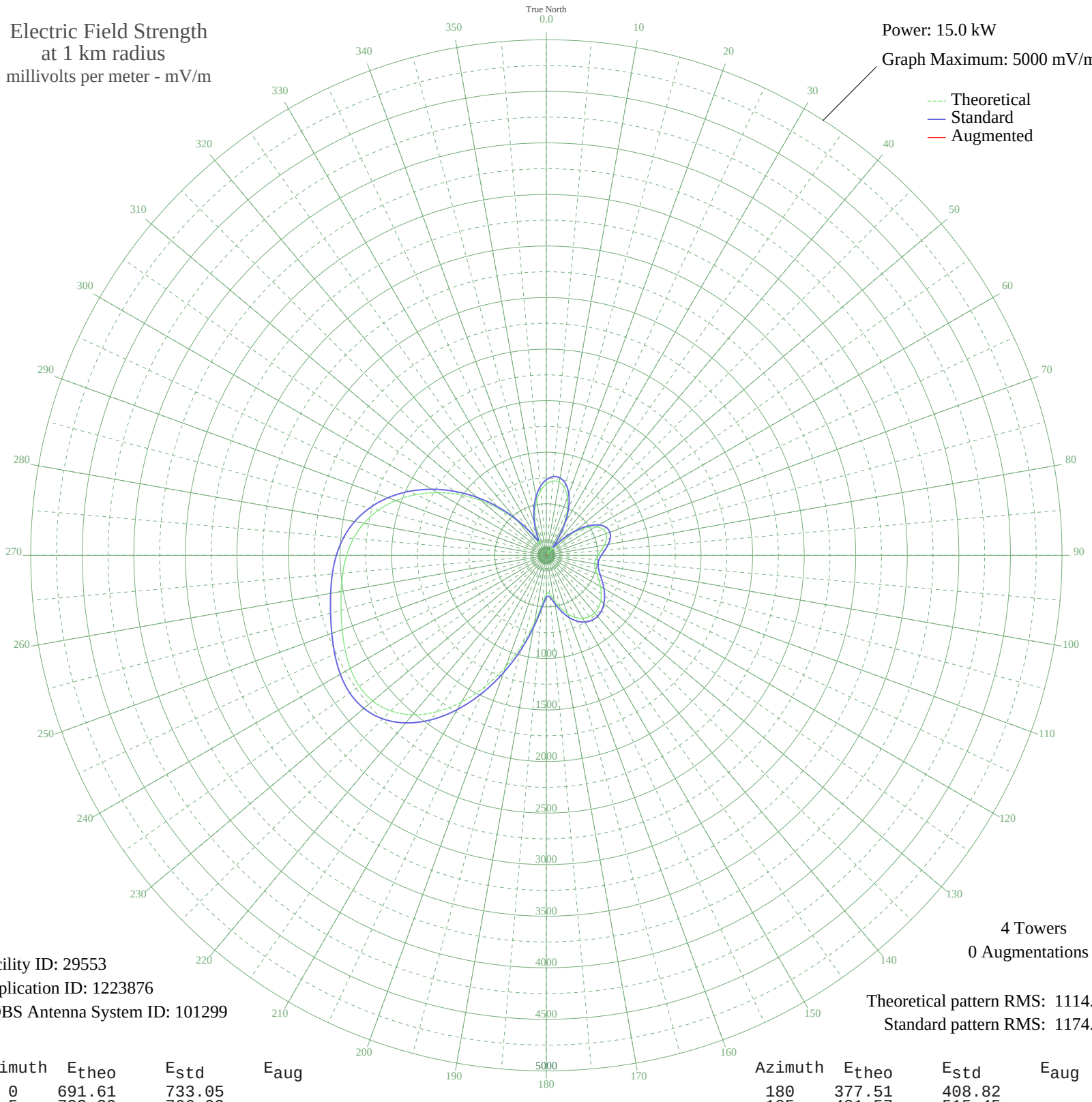
KPAM TROUTDALE, OR BP-20071126AHK 860 kHz

Nighttime

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



Power: 15.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 29553
Application ID: 1223876
CDBS Antenna System ID: 101299

Theoretical pattern RMS: 1114.76
Standard pattern RMS: 1174.46

Azimuth	E_{theo}	E_{std}	E_{aug}	Azimuth	E_{theo}	E_{std}	E_{aug}
0	691.61	733.05		180	377.51	408.82	
5	723.29	766.02		185	481.57	515.45	
10	720.04	762.63		190	665.77	706.19	
15	678.50	719.41		195	895.85	945.95	
20	597.66	635.46		200	1147.77	1209.31	
25	479.85	513.68		205	1402.48	1476.00	
30	331.28	361.95		210	1642.53	1727.55	
35	161.86	197.22		215	1852.12	1947.30	
40	15.94	101.44		220	2018.59	2121.88	
45	187.84	221.16		225	2134.20	2243.14	
50	341.07	371.84		230	2197.57	2309.61	
55	464.89	498.28		235	2214.04	2326.89	
60	552.63	588.83		240	2194.74	2306.65	
65	602.41	640.39		245	2154.09	2264.00	
70	617.08	655.62		250	2106.08	2213.64	
75	603.64	641.67		255	2060.47	2165.81	
80	571.96	608.84		260	2020.24	2123.61	
85	533.43	568.97		265	1981.66	2083.15	
90	499.20	533.62		270	1936.81	2036.11	
95	478.27	512.05		275	1876.86	1973.24	
100	475.58	509.29		280	1794.81	1887.21	
105	491.23	525.41		285	1686.85	1774.02	
110	521.66	556.80		290	1552.50	1633.19	
115	561.70	598.21		295	1394.12	1467.24	
120	606.00	644.11		300	1216.09	1280.81	
125	649.44	689.21		305	1024.08	1079.93	
130	687.27	728.53		310	824.34	871.32	
135	715.13	757.53		315	623.37	662.14	
140	729.28	772.25		320	428.08	460.49	
145	726.70	769.56		325	248.77	279.72	
150	705.30	747.29		330	125.71	165.63	
155	664.08	704.42		335	178.28	212.25	
160	603.46	641.49		340	307.11	337.63	
165	526.49	561.80		345	432.51	465.03	
170	442.40	475.17		350	541.67	577.49	
175	376.12	407.40		355	629.51	668.52	

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 Mar 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission