

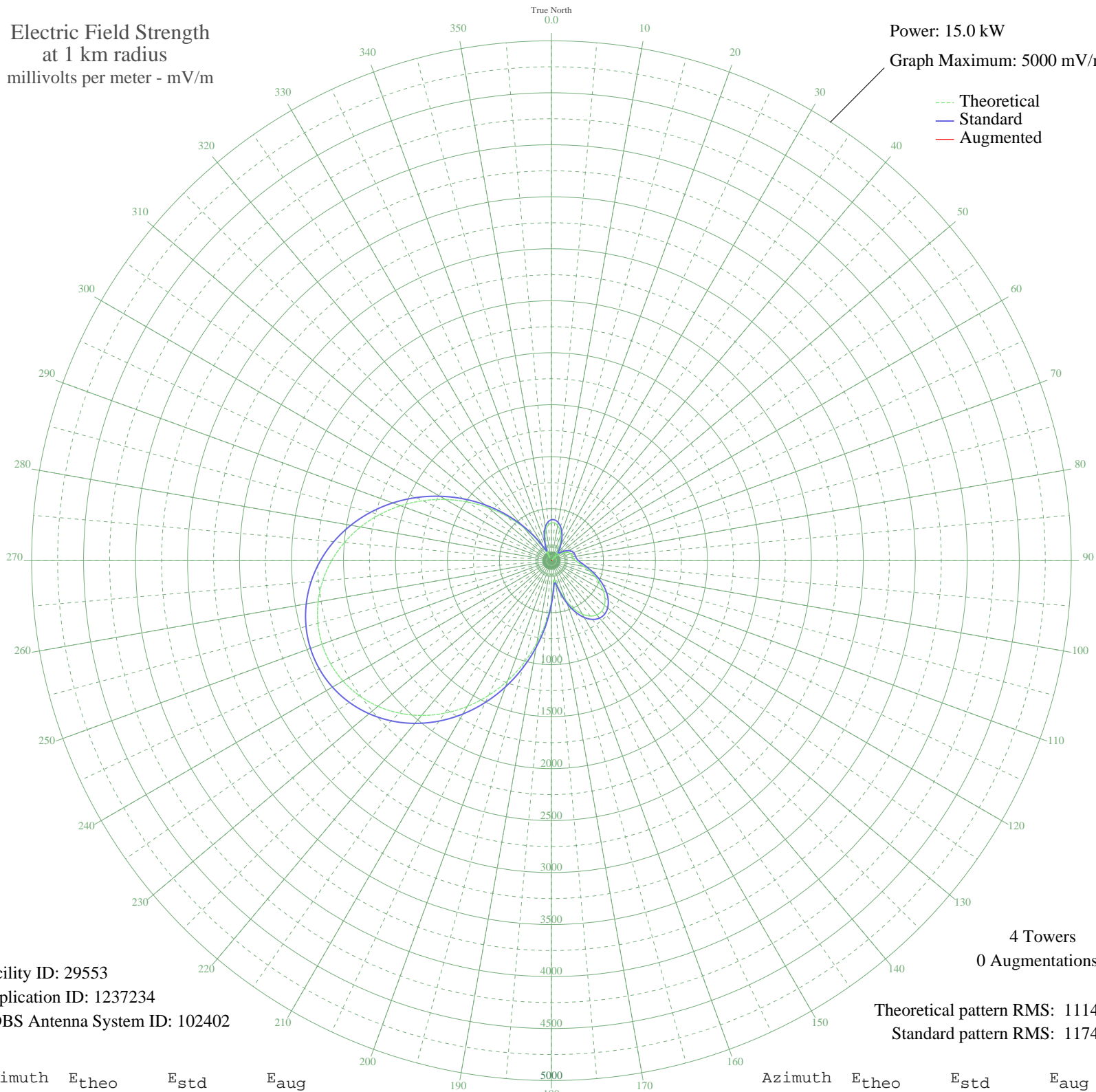
KPAM TROUTDALE, OR BP-20071126AHK 860 kHz

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



Facility ID: 29553
Application ID: 1237234
CDBS Antenna System ID: 102402

Theoretical pattern RMS: 1114.76
Standard pattern RMS: 1174.46

Azimuth	E _{theo}	E _{std}	E _{aug}
0	363.50	393.64	
5	362.49	392.61	
10	343.36	373.18	
15	309.00	338.45	
20	262.62	292.09	
25	207.60	238.31	
30	147.35	182.25	
35	85.25	131.50	
40	25.14	99.87	
45	34.34	102.85	
50	84.46	130.93	
55	126.73	164.27	
60	159.47	193.17	
65	182.17	214.16	
70	195.49	226.74	
75	201.64	232.60	
80	204.99	235.81	
85	212.19	242.73	
90	230.67	260.65	
95	265.10	294.55	
100	315.15	344.64	
105	376.76	407.15	
110	444.44	476.50	
115	512.56	546.74	
120	575.63	612.04	
125	628.49	666.90	
130	666.30	706.22	
135	684.79	725.45	
140	680.37	720.86	
145	650.42	689.70	
150	593.53	630.60	
155	509.94	544.03	
160	402.63	433.59	
165	281.53	310.90	
170	186.88	218.59	
175	228.67	258.71	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	388.74	419.39	
185	587.33	624.18	
190	799.49	844.97	
195	1014.92	1070.01	
200	1226.78	1291.72	
205	1429.66	1504.23	
210	1619.05	1702.73	
215	1791.24	1883.27	
220	1943.32	2042.75	
225	2073.03	2178.81	
230	2178.80	2289.76	
235	2259.55	2374.48	
240	2314.70	2432.35	
245	2344.02	2463.11	
250	2347.59	2466.85	
255	2325.73	2443.91	
260	2279.02	2394.91	
265	2208.27	2320.69	
270	2114.58	2222.39	
275	1999.32	2101.50	
280	1864.28	1959.86	
285	1711.62	1799.78	
290	1543.95	1624.00	
295	1364.35	1435.81	
300	1176.34	1238.91	
305	983.81	1037.48	
310	790.92	836.03	
315	602.02	639.41	
320	421.45	452.88	
325	253.52	283.09	
330	103.32	145.08	
335	44.58	107.09	
340	149.09	183.81	
345	237.14	266.98	
350	302.19	331.59	
355	343.99	373.81	

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