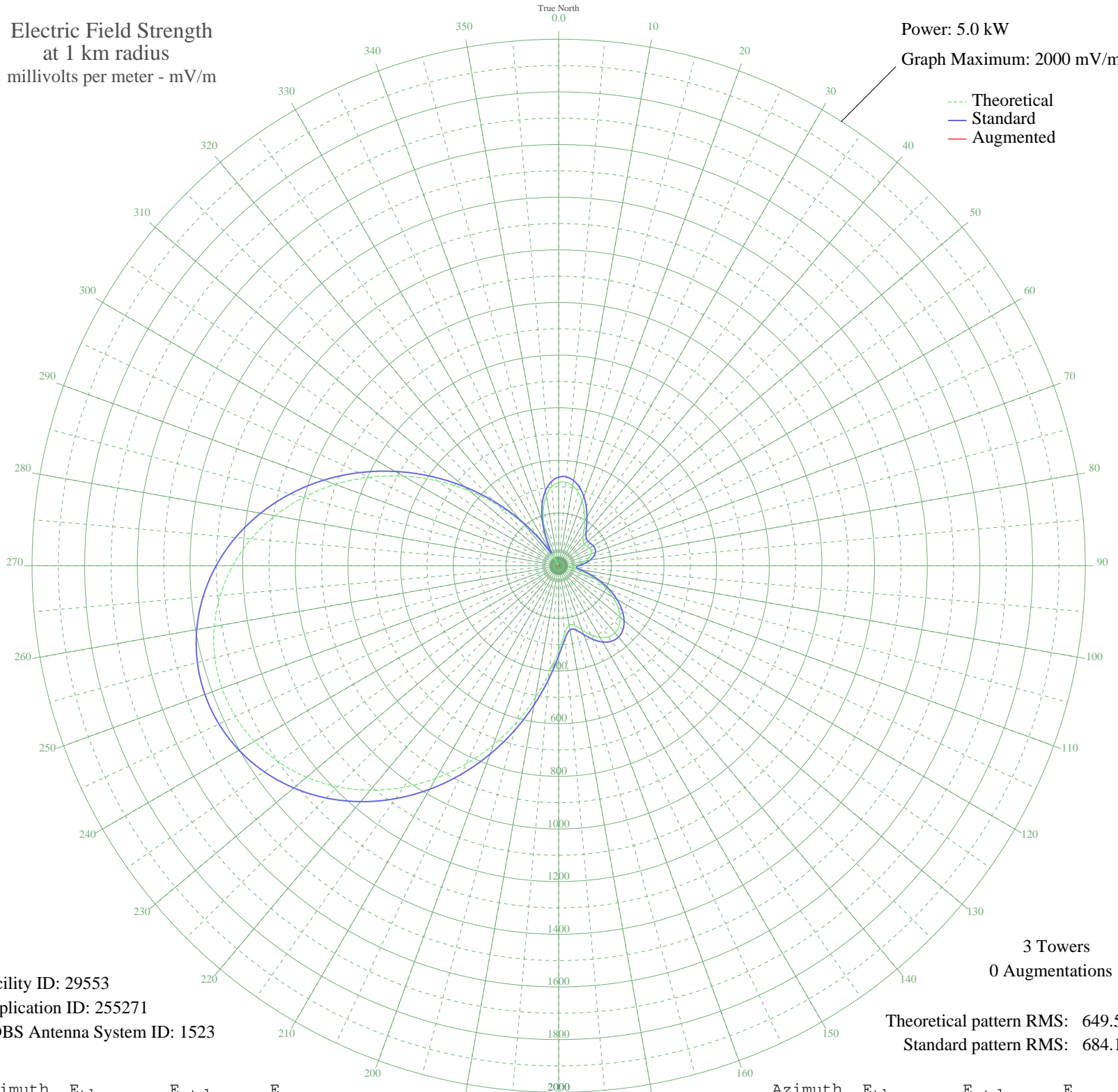


KPAM TROUTDALE, OR BL-19971008KA 860 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 29553
Application ID: 255271
CDBS Antenna System ID: 1523

3 Towers
0 Augmentations

Theoretical pattern RMS: 649.50
Standard pattern RMS: 684.17

Azimuth	E _{theo}	E _{std}	E _{aug}
0	316.15	336.45	
5	318.17	338.54	
10	308.21	328.23	
15	288.41	307.74	
20	261.31	279.79	
25	229.87	247.50	
30	197.44	214.43	
35	167.81	184.52	
40	144.90	161.70	
45	131.68	148.72	
50	128.16	145.29	
55	130.78	147.84	
60	134.65	151.63	
65	135.74	152.69	
70	131.45	148.50	
75	120.44	137.82	
80	102.35	120.62	
85	77.94	98.49	
90	50.62	76.34	
95	36.71	66.99	
100	61.03	84.31	
105	102.92	121.16	
110	148.99	165.76	
115	194.89	211.84	
120	237.72	255.55	
125	275.00	293.90	
130	304.48	324.36	
135	324.22	344.81	
140	332.77	353.68	
145	329.37	350.15	
150	314.29	334.52	
155	289.45	308.82	
160	259.61	278.05	
165	234.47	252.22	
170	229.67	247.29	
175	258.98	277.39	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	321.90	342.41	
185	408.17	432.07	
190	508.12	536.33	
195	614.89	647.95	
200	723.60	761.76	
205	830.51	873.76	
210	932.59	980.75	
215	1027.38	1080.14	
220	1112.84	1169.77	
225	1187.36	1247.93	
230	1249.65	1313.27	
235	1298.73	1364.76	
240	1333.88	1401.64	
245	1354.61	1423.39	
250	1360.62	1429.70	
255	1351.80	1420.44	
260	1328.19	1395.67	
265	1290.02	1355.63	
270	1237.72	1300.76	
275	1171.90	1231.71	
280	1093.43	1149.40	
285	1003.45	1055.05	
290	903.39	950.14	
295	794.99	836.53	
300	680.27	716.38	
305	561.53	592.14	
310	441.30	466.59	
315	322.26	342.78	
320	207.14	224.29	
325	98.61	117.14	
330	1.05	54.80	
335	88.95	108.28	
340	163.99	180.69	
345	224.64	242.15	
350	270.19	288.94	
355	300.52	320.27	

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.

26 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission