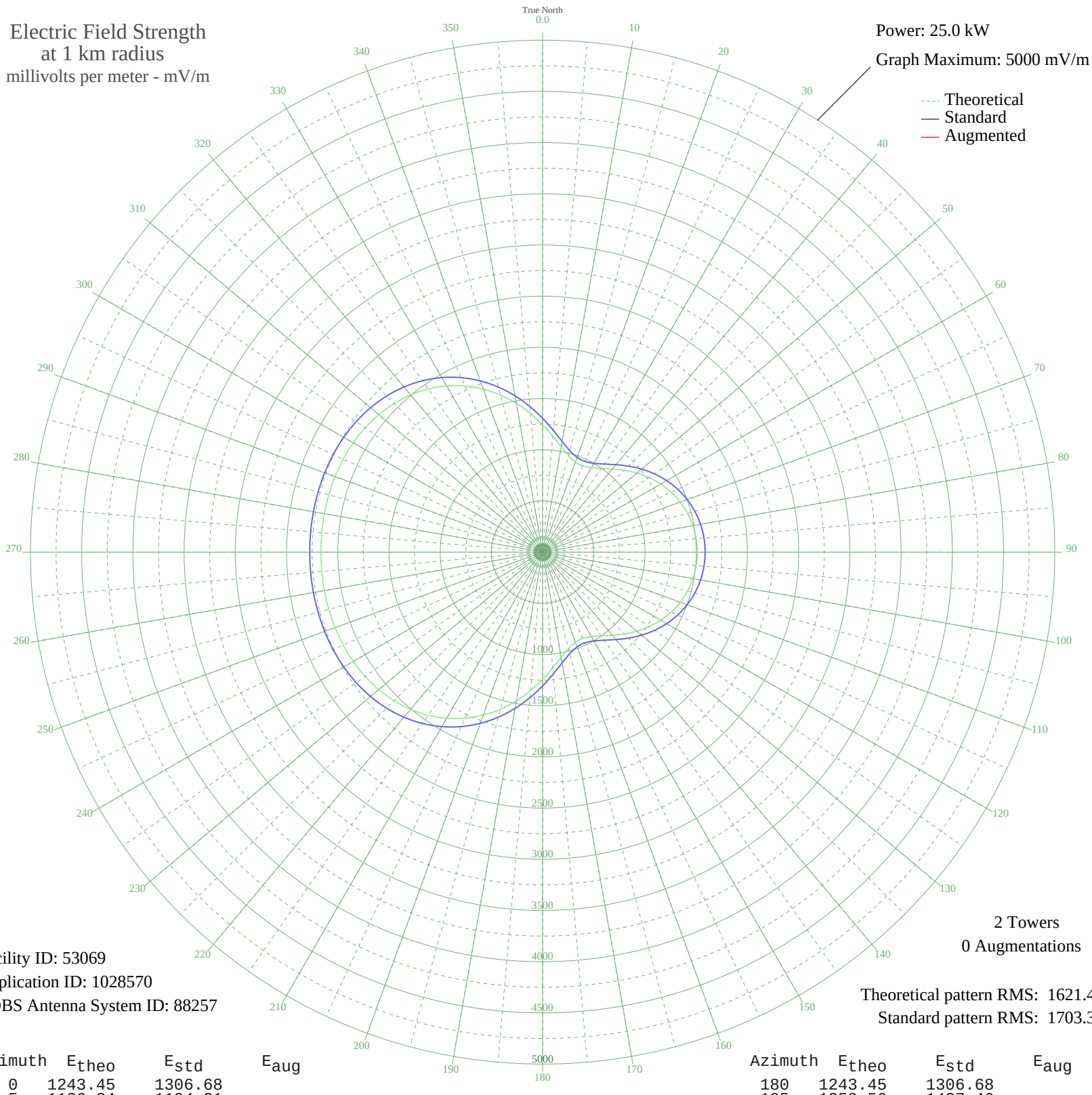
KPOJ PORTLAND, OR BL-20041029AJU 620 kHz

Daytime

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



Power: 25.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 53069
Application ID: 1028570
CDBS Antenna System ID: 88257

Theoretical pattern RMS: 1621.40
Standard pattern RMS: 1703.30

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1243.45	1306.68	
5	1136.24	1194.21	
10	1044.41	1097.89	
15	975.75	1025.89	
20	936.62	984.85	
25	929.67	977.56	
30	952.55	1001.56	
35	998.83	1050.08	
40	1060.39	1114.65	
45	1129.62	1187.26	
50	1200.40	1261.51	
55	1268.28	1332.73	
60	1330.25	1397.75	
65	1384.34	1454.51	
70	1429.41	1501.80	
75	1464.79	1538.92	
80	1490.17	1565.56	
85	1505.43	1581.57	
90	1510.51	1586.91	
95	1505.43	1581.57	
100	1490.17	1565.56	
105	1464.79	1538.92	
110	1429.41	1501.80	
115	1384.34	1454.51	
120	1330.25	1397.75	
125	1268.28	1332.73	
130	1200.40	1261.51	
135	1129.62	1187.26	
140	1060.39	1114.65	
145	998.83	1050.08	
150	952.55	1001.56	
155	929.67	977.56	
160	936.62	984.85	
165	975.75	1025.89	
170	1044.41	1097.89	
175	1136.24	1194.21	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1243.45	1306.68	
185	1358.56	1427.46	
190	1475.18	1549.83	
195	1588.24	1668.47	
200	1693.93	1779.40	
205	1789.60	1879.81	
210	1873.61	1967.99	
215	1945.21	2043.14	
220	2004.38	2105.25	
225	2051.71	2154.93	
230	2088.25	2193.29	
235	2115.37	2221.76	
240	2134.60	2241.95	
245	2147.55	2255.53	
250	2155.73	2264.12	
255	2160.53	2269.16	
260	2163.10	2271.86	
265	2164.28	2273.10	
270	2164.62	2273.45	
275	2164.28	2273.10	
280	2163.10	2271.86	
285	2160.53	2269.16	
290	2155.73	2264.12	
295	2147.55	2255.53	
300	2134.60	2241.95	
305	2115.37	2221.76	
310	2088.25	2193.29	
315	2051.71	2154.93	
320	2004.38	2105.25	
325	1945.21	2043.14	
330	1873.61	1967.99	
335	1789.60	1879.81	
340	1693.92	1779.40	
345	1588.23	1668.47	
350	1475.18	1549.83	
355	1358.56	1427.45	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission