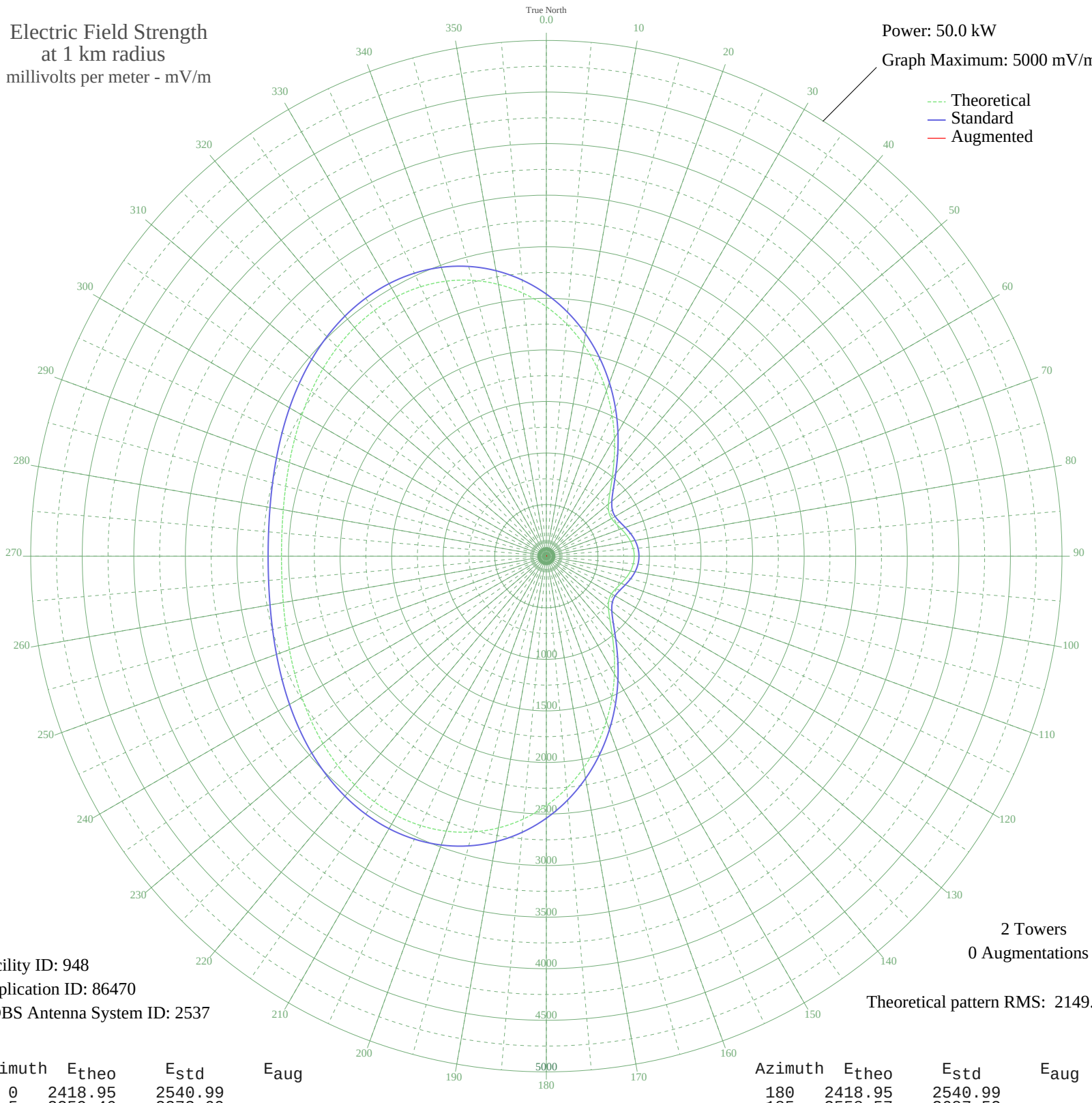
KXL PORTLAND, OR BL-19860312AC 750 kHz

Daytime

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 948
Application ID: 86470
CDBS Antenna System ID: 2537

Theoretical pattern RMS: 2149.40

Azimuth	E_{theo}	E_{std}	E_{aug}
0	2418.95	2540.99	
5	2259.46	2373.60	
10	2083.71	2189.16	
15	1896.22	1992.41	
20	1702.32	1788.97	
25	1508.05	1585.19	
30	1320.15	1388.14	
35	1146.04	1205.63	
40	993.79	1046.11	
45	871.64	918.23	
50	786.44	829.10	
55	740.71	781.28	
60	730.13	770.23	
65	744.60	785.34	
70	772.20	814.20	
75	802.75	846.15	
80	829.00	873.61	
85	846.38	891.79	
90	852.43	898.12	
95	846.38	891.79	
100	829.00	873.61	
105	802.75	846.15	
110	772.20	814.20	
115	744.60	785.34	
120	730.13	770.23	
125	740.71	781.28	
130	786.44	829.10	
135	871.64	918.23	
140	993.79	1046.11	
145	1146.04	1205.63	
150	1320.15	1388.14	
155	1508.05	1585.19	
160	1702.32	1788.97	
165	1896.22	1992.41	
170	2083.71	2189.16	
175	2259.46	2373.60	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	2418.95	2540.99	
185	2558.57	2687.52	
190	2675.70	2810.47	
195	2768.82	2908.21	
200	2837.46	2980.26	
205	2882.24	3027.27	
210	2904.71	3050.85	
215	2907.23	3053.50	
220	2892.82	3038.37	
225	2864.93	3009.09	
230	2827.26	2969.55	
235	2783.56	2923.68	
240	2737.45	2875.28	
245	2692.31	2827.90	
250	2651.12	2784.67	
255	2616.40	2748.22	
260	2590.15	2720.67	
265	2573.81	2703.52	
270	2568.27	2697.71	
275	2573.81	2703.52	
280	2590.15	2720.67	
285	2616.40	2748.22	
290	2651.12	2784.67	
295	2692.31	2827.90	
300	2737.45	2875.28	
305	2783.56	2923.68	
310	2827.26	2969.55	
315	2864.93	3009.09	
320	2892.82	3038.37	
325	2907.23	3053.50	
330	2904.71	3050.85	
335	2882.24	3027.26	
340	2837.46	2980.26	
345	2768.82	2908.21	
350	2675.70	2810.47	
355	2558.57	2687.52	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission