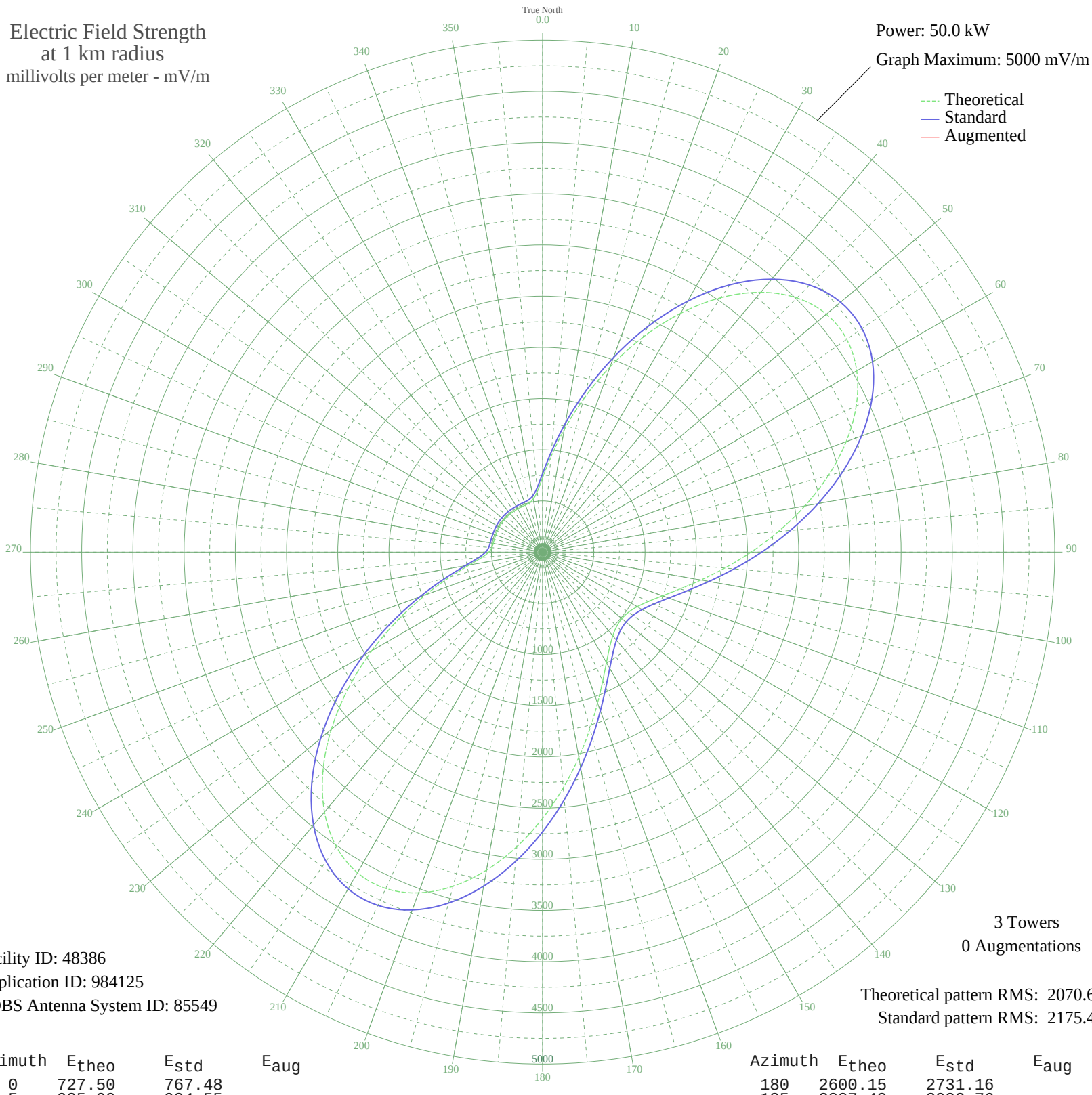
KJR SEATTLE, WA BL-20040303ACT 950 kHz

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

3 Towers
0 Augmentations

Facility ID: 48386
Application ID: 984125
CDBS Antenna System ID: 85549

Theoretical pattern RMS: 2070.60
Standard pattern RMS: 2175.40

Azimuth	E_{theo}	E_{std}	E_{aug}
0	727.50	767.48	
5	935.00	984.55	
10	1213.46	1276.29	
15	1549.64	1628.82	
20	1924.37	2021.96	
25	2314.17	2431.01	
30	2692.86	2828.48	
35	3033.89	3186.45	
40	3313.02	3479.46	
45	3511.08	3687.38	
50	3616.11	3797.64	
55	3624.57	3806.52	
60	3541.34	3719.15	
65	3378.61	3548.32	
70	3153.88	3312.40	
75	2887.48	3032.76	
80	2600.15	2731.16	
85	2310.86	2427.54	
90	2035.38	2138.44	
95	1785.43	1876.18	
100	1568.58	1648.68	
105	1388.55	1459.87	
110	1246.01	1310.41	
115	1139.45	1198.72	
120	1066.25	1122.03	
125	1023.69	1077.44	
130	1009.75	1062.83	
135	1023.69	1077.44	
140	1066.25	1122.03	
145	1139.45	1198.72	
150	1246.01	1310.41	
155	1388.55	1459.87	
160	1568.58	1648.68	
165	1785.43	1876.18	
170	2035.38	2138.44	
175	2310.86	2427.54	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	2600.15	2731.16	
185	2887.48	3032.76	
190	3153.88	3312.40	
195	3378.61	3548.32	
200	3541.34	3719.15	
205	3624.57	3806.52	
210	3616.11	3797.64	
215	3511.08	3687.38	
220	3313.02	3479.46	
225	3033.89	3186.45	
230	2692.86	2828.48	
235	2314.17	2431.01	
240	1924.37	2021.96	
245	1549.64	1628.82	
250	1213.46	1276.29	
255	935.00	984.55	
260	727.50	767.48	
265	594.67	628.80	
270	525.71	556.97	
275	497.92	528.06	
280	489.38	519.18	
285	487.42	517.14	
290	487.30	517.02	
295	487.95	517.70	
300	489.09	518.88	
305	490.19	520.03	
310	490.65	520.51	
315	490.19	520.03	
320	489.09	518.88	
325	487.95	517.70	
330	487.30	517.02	
335	487.42	517.14	
340	489.38	519.18	
345	497.92	528.06	
350	525.71	556.97	
355	594.67	628.80	

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