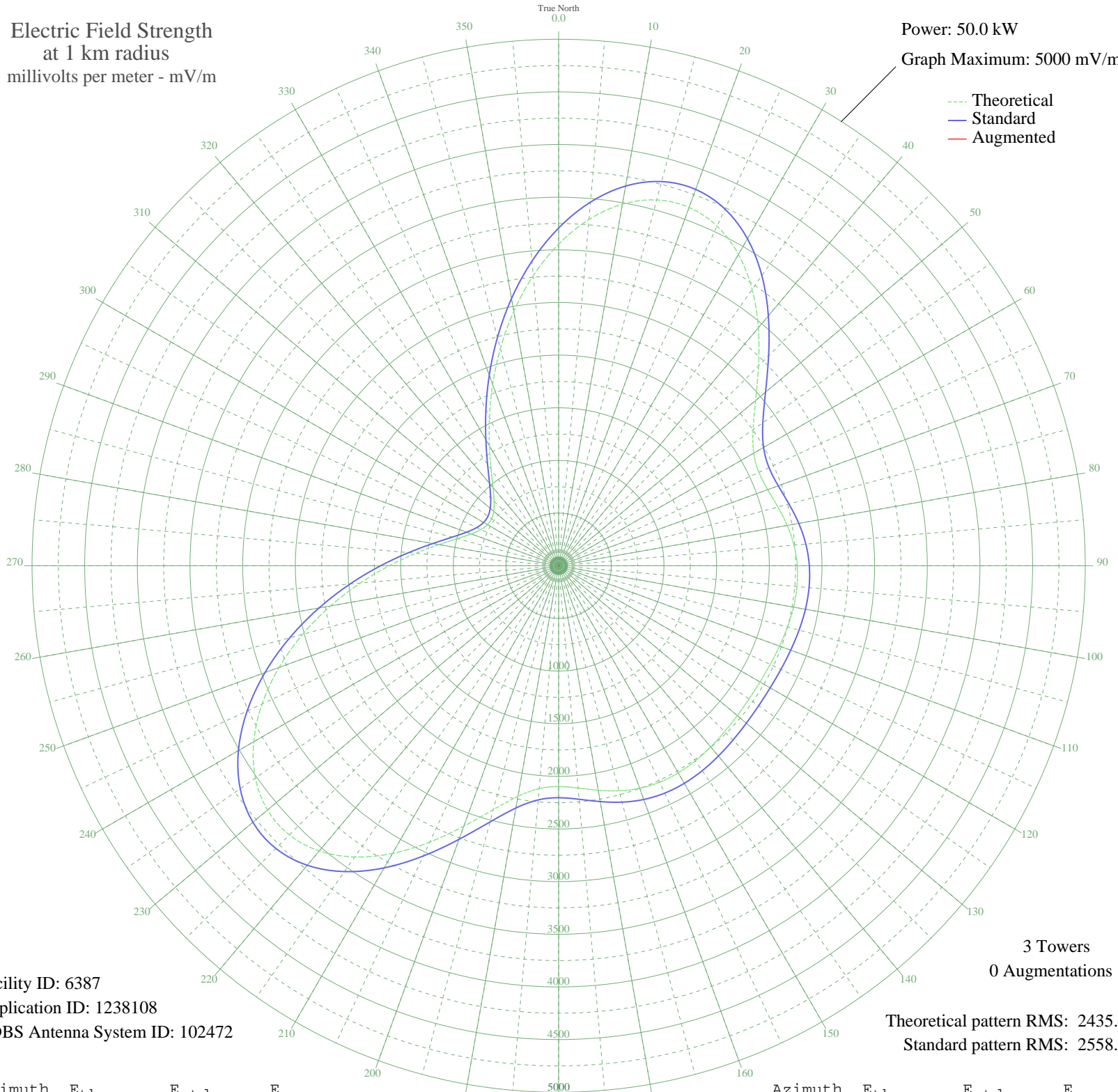


# KPTK SEATTLE, WA BP-20071119AEZ 1090 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 6387  
Application ID: 1238108  
CDBS Antenna System ID: 102472

3 Towers  
0 Augmentations

Theoretical pattern RMS: 2435.27  
Standard pattern RMS: 2558.10

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	3053.91	3207.47	
5	3300.42	3466.24	
10	3486.29	3661.35	
15	3596.51	3777.06	
20	3621.40	3803.20	
25	3558.53	3737.19	
30	3413.96	3585.42	
35	3202.87	3363.84	
40	2949.14	3097.49	
45	2683.70	2818.86	
50	2441.06	2564.19	
55	2252.87	2366.68	
60	2138.58	2246.74	
65	2097.86	2204.00	
70	2112.11	2218.96	
75	2155.08	2264.05	
80	2203.61	2314.98	
85	2242.70	2356.01	
90	2265.62	2380.06	
95	2271.84	2386.59	
100	2264.72	2379.12	
105	2249.49	2363.13	
110	2231.76	2344.52	
115	2216.52	2328.53	
120	2207.45	2319.01	
125	2206.59	2318.11	
130	2214.12	2326.01	
135	2228.37	2340.97	
140	2245.97	2359.44	
145	2262.14	2376.41	
150	2271.34	2386.06	
155	2268.14	2382.70	
160	2248.67	2362.27	
165	2212.50	2324.32	
170	2164.95	2274.41	
175	2119.25	2226.45	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	2097.12	2203.23	
185	2124.94	2232.42	
190	2223.80	2336.17	
195	2398.20	2519.21	
200	2632.24	2764.85	
205	2895.91	3041.61	
210	3154.64	3313.20	
215	3376.42	3546.02	
220	3535.79	3713.32	
225	3615.78	3797.30	
230	3608.50	3789.66	
235	3514.78	3691.27	
240	3342.98	3510.92	
245	3107.22	3263.43	
250	2825.24	2967.43	
255	2516.32	2643.18	
260	2199.41	2310.57	
265	1891.75	1987.72	
270	1607.90	1689.92	
275	1359.27	1429.16	
280	1153.76	1213.72	
285	995.32	1047.72	
290	883.51	930.66	
295	813.88	857.79	
300	780.01	822.37	
305	777.03	819.25	
310	804.45	847.93	
315	866.41	912.76	
320	969.32	1020.49	
325	1118.26	1176.51	
330	1314.53	1382.26	
335	1555.05	1634.49	
340	1832.66	1925.73	
345	2136.63	2244.69	
350	2452.99	2576.71	
355	2764.99	2904.19	

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