

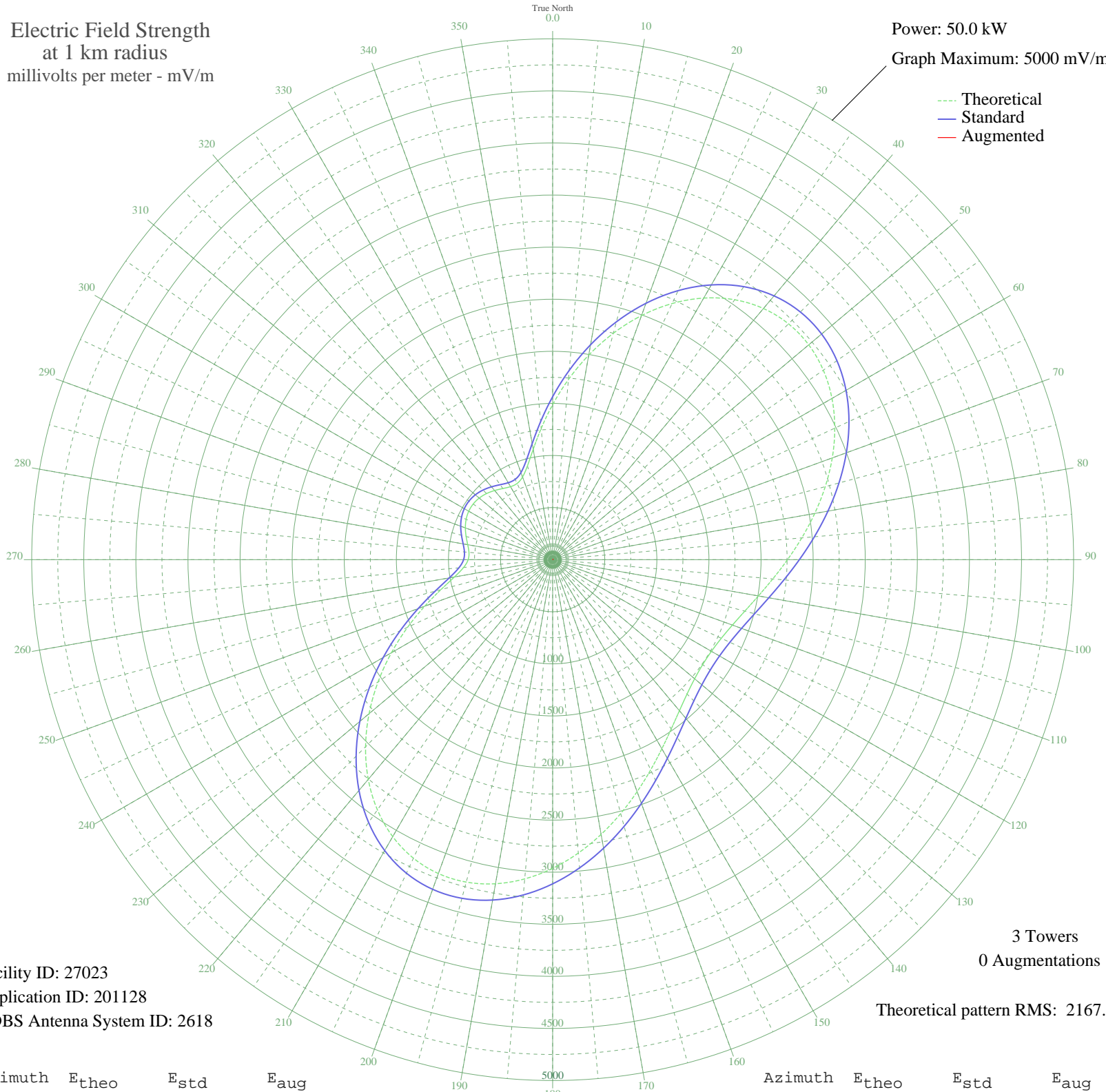
# KTTH SEATTLE, WA BL-19940721AA 770 kHz

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



Facility ID: 27023  
Application ID: 201128  
CDBS Antenna System ID: 2618

3 Towers  
0 Augmentations

Theoretical pattern RMS: 2167.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1488.36	1564.54	
5	1735.71	1824.01	
10	1993.64	2094.64	
15	2250.03	2363.69	
20	2493.32	2619.04	
25	2712.91	2849.52	
30	2899.59	3045.47	
35	3046.08	3199.24	
40	3147.46	3305.67	
45	3201.44	3362.33	
50	3208.43	3369.66	
55	3171.39	3330.79	
60	3095.52	3251.14	
65	2987.68	3137.94	
70	2855.88	2999.59	
75	2708.57	2844.97	
80	2554.15	2682.88	
85	2400.38	2521.49	
90	2254.07	2367.94	
95	2120.83	2228.11	
100	2004.92	2106.48	
105	1909.37	2006.21	
110	1836.06	1929.29	
115	1786.03	1876.80	
120	1759.74	1849.22	
125	1757.34	1846.71	
130	1778.86	1869.28	
135	1824.17	1916.82	
140	1892.88	1988.91	
145	1984.11	2084.64	
150	2096.14	2202.20	
155	2226.22	2338.71	
160	2370.32	2489.94	
165	2523.10	2650.30	
170	2677.99	2812.87	
175	2827.38	2969.68	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	2962.97	3112.00	
185	3076.26	3230.93	
190	3159.12	3317.91	
195	3204.40	3365.44	
200	3206.53	3367.68	
205	3162.07	3321.01	
210	3070.08	3224.44	
215	2932.30	3079.81	
220	2753.14	2891.75	
225	2539.46	2667.46	
230	2300.09	2416.24	
235	2045.42	2148.98	
240	1786.85	1877.66	
245	1536.40	1614.92	
250	1306.47	1373.80	
255	1109.56	1167.40	
260	957.35	1007.95	
265	857.85	903.79	
270	810.94	854.72	
275	806.30	849.87	
280	827.72	872.27	
285	859.83	905.87	
290	891.57	939.09	
295	916.16	964.83	
300	929.92	979.23	
305	931.19	980.57	
310	919.86	968.70	
315	897.22	945.00	
320	866.48	912.82	
325	833.71	878.53	
330	809.04	852.73	
335	807.11	850.71	
340	844.45	889.77	
345	933.09	982.55	
350	1075.21	1131.41	
355	1264.05	1329.32	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission