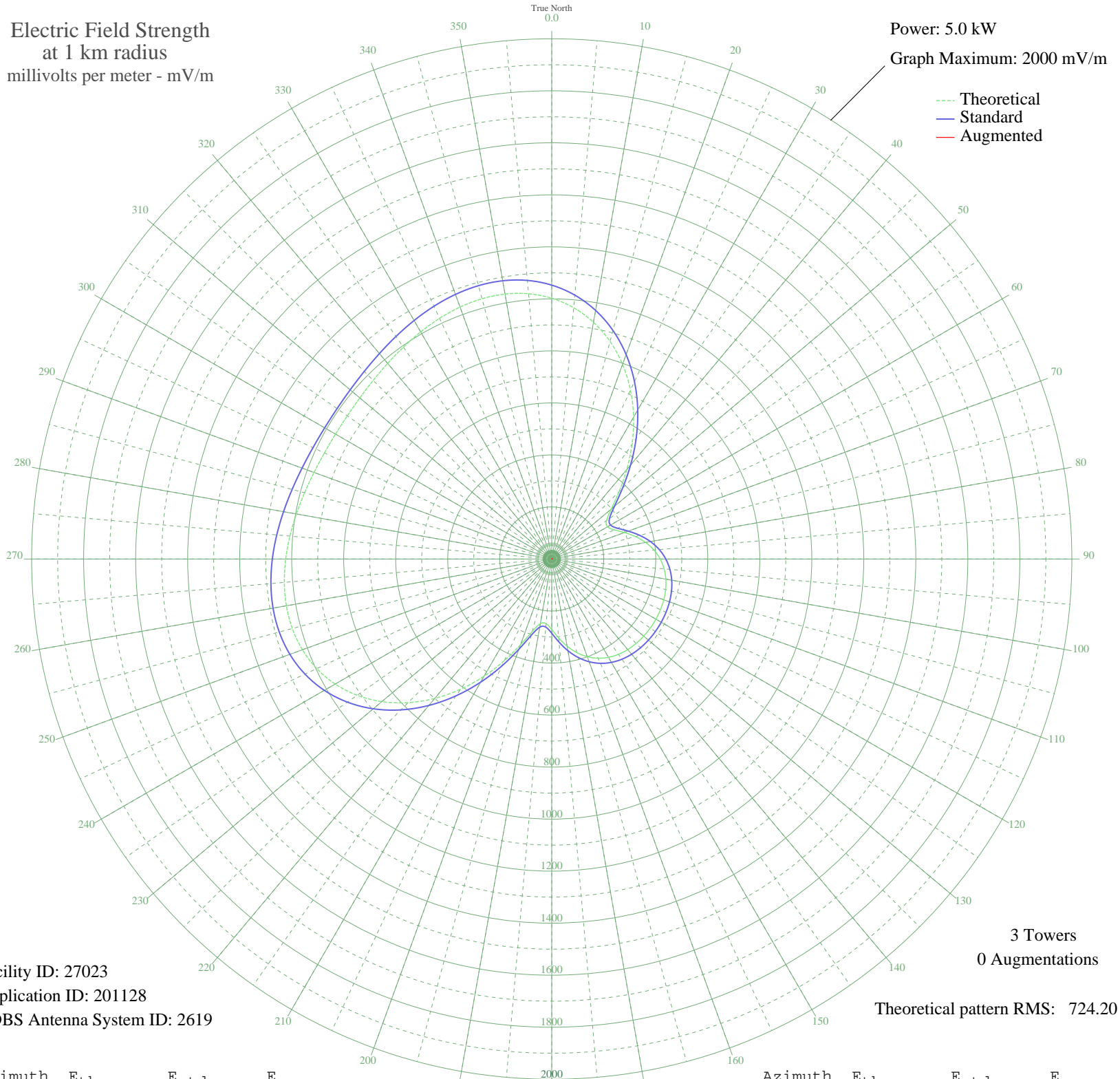


# KTTH SEATTLE, WA BL-19940721AA 770 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 27023  
Application ID: 201128  
CDBS Antenna System ID: 2619

3 Towers  
0 Augmentations

Theoretical pattern RMS: 724.20

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1002.52	1052.91	
5	969.57	1018.32	
10	924.06	970.55	
15	866.00	909.60	
20	796.23	836.37	
25	716.47	752.66	
30	629.36	661.24	
35	538.50	565.91	
40	448.60	471.62	
45	365.88	384.90	
50	298.69	314.50	
55	257.08	270.95	
60	247.56	261.00	
65	265.24	279.48	
70	297.36	313.10	
75	333.11	350.56	
80	366.45	385.49	
85	394.68	415.08	
90	417.02	438.51	
95	433.73	456.02	
100	445.55	468.42	
105	453.45	476.70	
110	458.40	481.89	
115	461.21	484.84	
120	462.51	486.20	
125	462.62	486.31	
130	461.57	485.22	
135	459.11	482.63	
140	454.65	477.96	
145	447.42	470.37	
150	436.46	458.88	
155	420.80	442.46	
160	399.62	420.26	
165	372.55	391.88	
170	340.10	357.87	
175	304.47	320.56	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	270.92	285.43	
185	249.29	262.80	
190	252.57	266.24	
195	288.00	303.31	
200	350.89	369.19	
205	431.25	453.42	
210	520.26	546.78	
215	611.35	642.35	
220	699.53	734.89	
225	781.01	820.39	
230	852.94	895.90	
235	913.44	959.39	
240	961.48	1009.83	
245	996.91	1047.02	
250	1020.29	1071.56	
255	1032.82	1084.71	
260	1036.13	1088.19	
265	1032.18	1084.04	
270	1023.02	1074.42	
275	1010.69	1061.49	
280	997.14	1047.26	
285	984.04	1033.51	
290	972.82	1021.73	
295	964.56	1013.06	
300	960.03	1008.30	
305	959.61	1007.86	
310	963.34	1011.78	
315	970.90	1019.71	
320	981.60	1030.95	
325	994.43	1044.42	
330	1008.02	1058.69	
335	1020.74	1072.03	
340	1030.70	1082.49	
345	1035.86	1087.91	
350	1034.16	1086.12	
355	1023.62	1075.05	

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.

31 Aug 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission