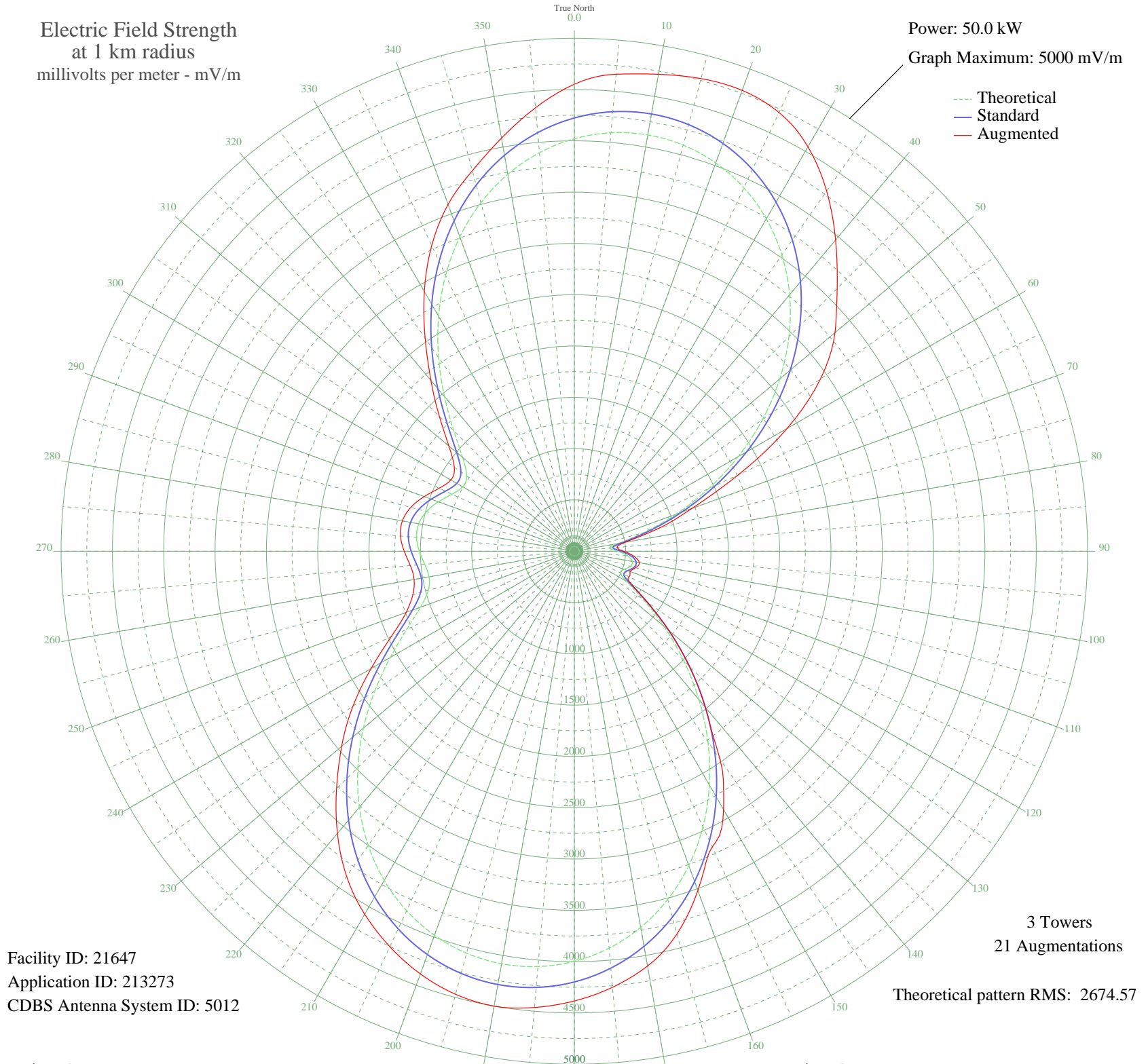


# KOMO SEATTLE, WA BL-19950830AB 1000 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 21647  
Application ID: 213273  
CDBS Antenna System ID: 5012

3 Towers  
21 Augmentations  
Theoretical pattern RMS: 2674.57

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	4020.49	4222.87	4551.93
5	4094.28	4300.33	4667.11
10	4120.20	4327.54	4720.26
15	4098.04	4304.28	4769.03
20	4027.54	4230.27	4780.26
25	3908.44	4105.27	4718.26
30	3740.73	3929.23	4551.37
35	3524.92	3702.73	4285.09
40	3262.59	3427.40	3959.47
45	2956.84	3106.53	3621.39
50	2612.81	2745.55	3315.25
55	2238.21	2352.57	2926.73
60	1843.63	1938.79	2393.95
65	1442.97	1518.92	1762.99
70	1054.24	1112.14	1218.70
75	702.75	745.65	836.98
80	435.09	469.28	502.12
85	343.81	376.62	418.43
90	423.48	457.42	479.00
95	523.29	559.83	585.86
100	574.12	612.30	642.93
105	565.29	603.18	617.72
110	517.90	554.28	578.38
115	495.15	530.86	589.62
120	588.95	627.64	641.49
125	819.96	867.62	869.42
130	1139.89	1201.69	1201.69
135	1505.61	1584.52	1584.52
140	1888.69	1986.02	1986.02
145	2268.97	2384.83	2473.88
150	2631.37	2765.02	2907.62
155	2964.63	3114.71	3180.07
160	3260.74	3425.46	3518.70
165	3514.40	3691.68	3862.10
170	3722.50	3910.09	4105.61
175	3883.53	4079.12	4266.44

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	3997.10	4198.32	4383.58
185	4063.40	4267.92	4464.16
190	4082.92	4288.41	4502.78
195	4056.15	4260.31	4470.57
200	3983.62	4184.18	4384.66
205	3865.94	4060.65	4253.11
210	3704.15	3890.84	4085.32
215	3500.19	3676.76	3868.05
220	3257.50	3422.05	3590.68
225	2981.84	3132.77	3276.59
230	2682.25	2818.41	2959.26
235	2372.12	2493.03	2633.13
240	2070.33	2176.49	2286.73
245	1801.76	1894.89	1967.51
250	1594.97	1678.16	1743.31
255	1472.93	1550.30	1627.85
260	1437.55	1513.24	1585.19
265	1463.23	1540.14	1603.99
270	1510.29	1589.43	1657.14
275	1543.21	1623.92	1700.17
280	1539.61	1620.15	1701.24
285	1492.03	1570.30	1649.86
290	1408.66	1482.98	1556.80
295	1315.14	1385.06	1452.93
300	1255.38	1322.51	1388.70
305	1280.91	1349.23	1427.57
310	1420.79	1495.68	1595.79
315	1662.22	1748.63	1859.87
320	1968.95	2070.18	2173.74
325	2305.31	2422.95	2534.16
330	2644.31	2778.60	2922.61
335	2967.05	3117.25	3287.57
340	3260.74	3425.46	3596.72
345	3517.04	3694.45	3839.54
350	3730.81	3918.82	4088.26
355	3899.11	4095.47	4339.08

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