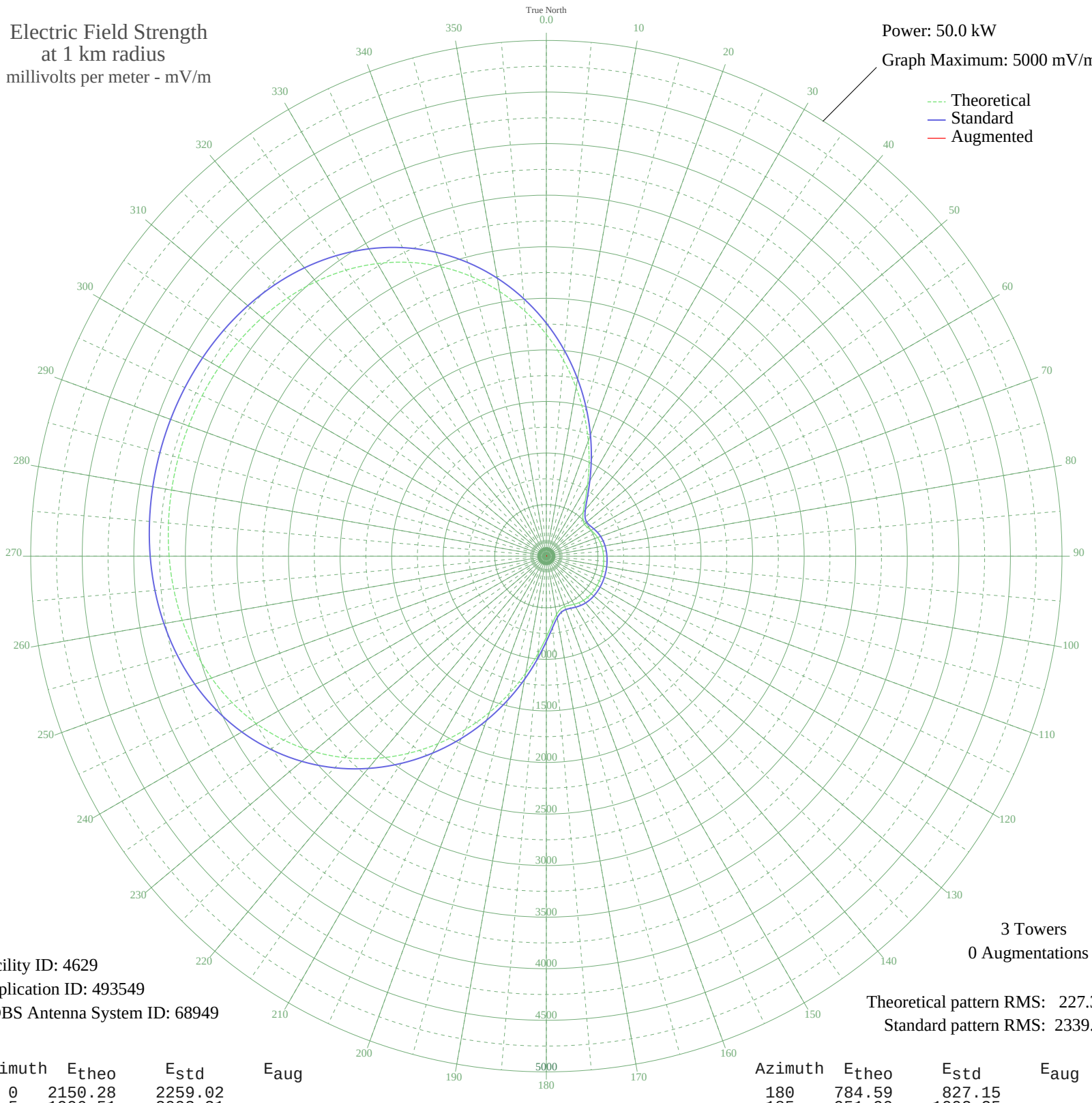
KIXI MERCER ISLAND/SEATTL, WA BL-19990909AAS 880 kHz

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: 4629
Application ID: 493549
CDBS Antenna System ID: 68949

Theoretical pattern RMS: 227.30
Standard pattern RMS: 2339.84

Azimuth	E_{theo}	E_{std}	E_{aug}
0	2150.28	2259.02	
5	1906.51	2003.21	
10	1660.09	1744.68	
15	1418.25	1491.02	
20	1188.76	1250.41	
25	979.74	1031.40	
30	799.53	842.79	
35	656.36	693.17	
40	556.68	589.22	
45	501.46	531.74	
50	482.81	512.36	
55	486.82	516.53	
60	500.54	530.78	
65	515.76	546.61	
70	528.77	560.15	
75	538.61	570.40	
80	545.71	577.79	
85	550.90	583.19	
90	554.91	587.37	
95	558.24	590.83	
100	561.08	593.80	
105	563.52	596.33	
110	565.53	598.43	
115	567.11	600.07	
120	568.19	601.20	
125	568.56	601.59	
130	567.77	600.76	
135	565.05	597.93	
140	559.53	592.18	
145	550.59	582.87	
150	538.64	570.42	
155	526.35	557.63	
160	520.17	551.21	
165	531.22	562.70	
170	573.25	606.48	
175	656.87	693.70	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	784.59	827.15	
185	951.90	1002.25	
190	1151.07	1210.90	
195	1373.57	1444.16	
200	1610.97	1693.15	
205	1855.21	1949.38	
210	2098.75	2204.94	
215	2334.85	2452.72	
220	2557.76	2686.67	
225	2762.91	2902.01	
230	2947.10	3095.35	
235	3108.43	3264.70	
240	3246.30	3409.43	
245	3361.22	3530.06	
250	3454.60	3628.09	
255	3528.49	3705.66	
260	3585.31	3765.31	
265	3627.61	3809.71	
270	3657.79	3841.40	
275	3677.96	3862.57	
280	3689.76	3874.96	
285	3694.22	3879.64	
290	3691.76	3877.06	
295	3682.10	3866.91	
300	3664.31	3848.24	
305	3636.86	3819.43	
310	3597.73	3778.35	
315	3544.55	3722.51	
320	3474.76	3649.25	
325	3385.88	3555.95	
330	3275.76	3440.35	
335	3142.81	3300.78	
340	2986.28	3136.48	
345	2806.53	2947.79	
350	2605.12	2736.39	
355	2384.96	2505.31	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission