

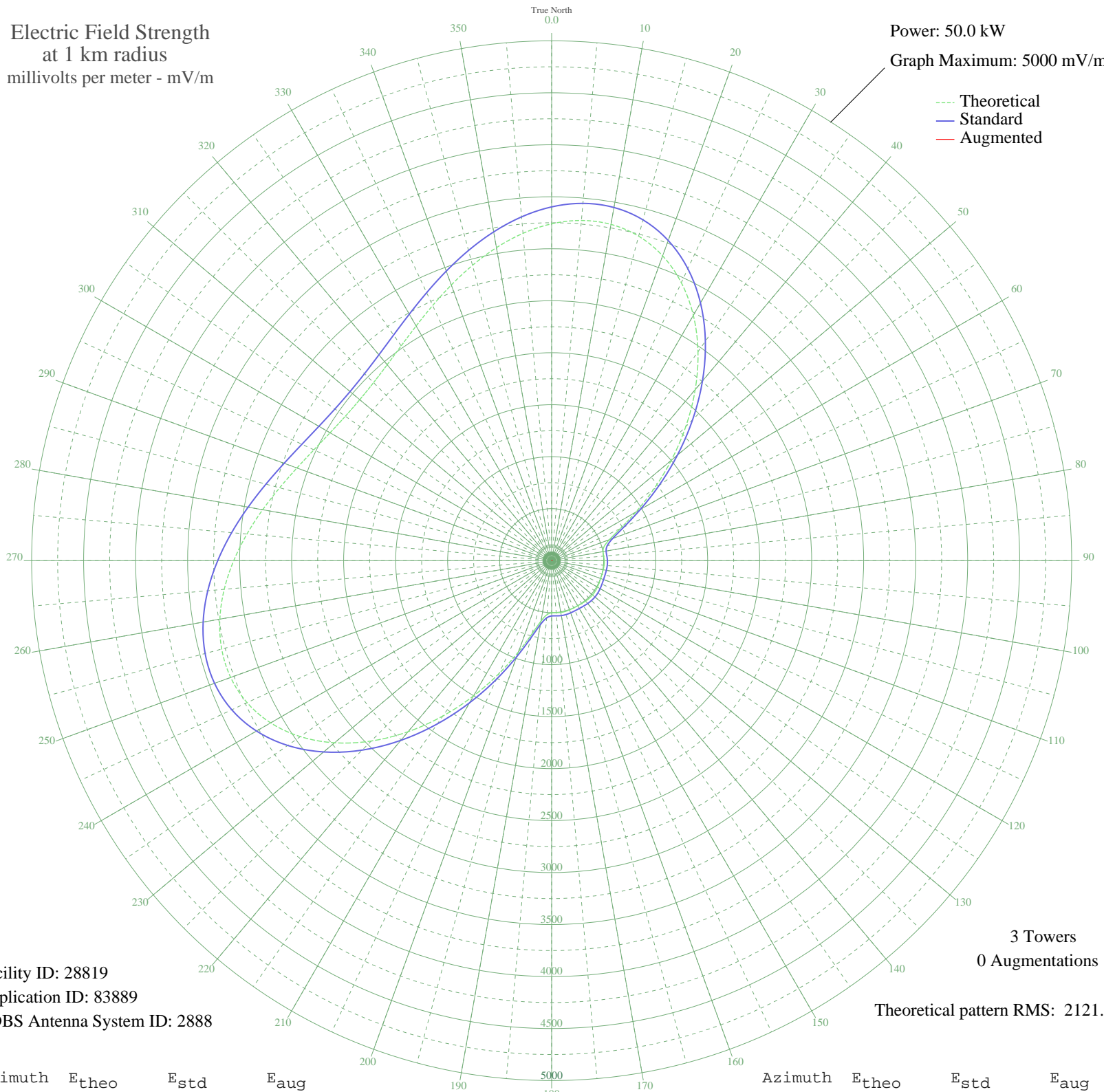
KGNW BURIEN-SEATTLE, WA BL-19851203AD 820 kHz

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: 28819
Application ID: 83889
CDBS Antenna System ID: 2888

3 Towers
0 Augmentations

Theoretical pattern RMS: 2121.08

Azimuth	E _{theo}	E _{std}	E _{aug}
0	3239.80	3402.60	
5	3284.51	3449.53	
10	3284.34	3449.36	
15	3231.18	3393.56	
20	3120.05	3276.90	
25	2950.03	3098.42	
30	2724.87	2862.07	
35	2453.05	2576.77	
40	2147.37	2255.96	
45	1823.98	1916.62	
50	1501.20	1578.01	
55	1198.27	1260.37	
60	934.32	983.84	
65	727.26	767.22	
70	590.07	624.00	
75	521.70	552.80	
80	501.52	531.80	
85	502.21	532.52	
90	505.85	536.30	
95	506.11	536.58	
100	503.55	533.91	
105	501.04	531.30	
110	500.87	531.13	
115	503.50	533.86	
120	507.66	538.18	
125	511.31	541.98	
130	512.75	543.48	
135	511.31	541.98	
140	507.66	538.18	
145	503.50	533.86	
150	500.87	531.13	
155	501.04	531.30	
160	503.55	533.91	
165	506.11	536.58	
170	505.85	536.30	
175	502.21	532.52	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	501.52	531.80	
185	521.70	552.80	
190	590.07	624.00	
195	727.26	767.22	
200	934.32	983.84	
205	1198.27	1260.37	
210	1501.20	1578.01	
215	1823.98	1916.62	
220	2147.37	2255.96	
225	2453.05	2576.77	
230	2724.87	2862.07	
235	2950.03	3098.42	
240	3120.05	3276.90	
245	3231.18	3393.56	
250	3284.34	3449.36	
255	3284.51	3449.53	
260	3239.80	3402.60	
265	3160.32	3319.17	
270	3057.05	3210.76	
275	2940.79	3088.73	
280	2821.48	2963.48	
285	2707.63	2843.99	
290	2606.18	2737.49	
295	2522.40	2649.56	
300	2460.11	2584.18	
305	2421.80	2543.97	
310	2408.87	2530.41	
315	2421.80	2543.97	
320	2460.11	2584.18	
325	2522.40	2649.56	
330	2606.18	2737.49	
335	2707.64	2843.99	
340	2821.48	2963.48	
345	2940.80	3088.73	
350	3057.05	3210.76	
355	3160.33	3319.17	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission