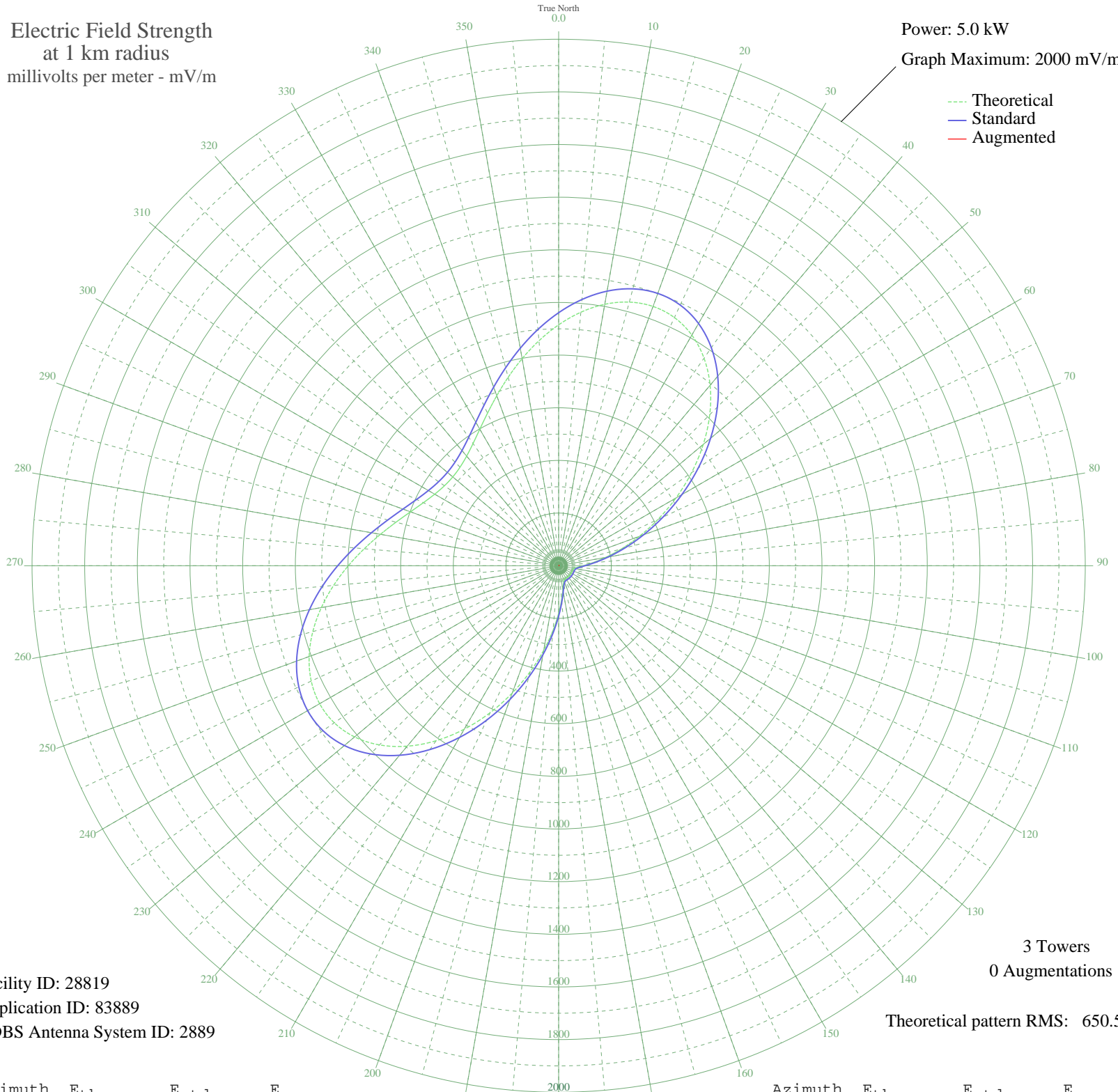


KGNW BURIEN-SEATTLE, WA BL-19851203AD 820 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 28819
Application ID: 83889
CDBS Antenna System ID: 2889

3 Towers
0 Augmentations

Theoretical pattern RMS: 650.50

Azimuth	E _{theo}	E _{std}	E _{aug}
0	915.11	961.15	
5	966.60	1015.20	
10	1008.45	1059.13	
15	1036.79	1088.89	
20	1048.24	1100.90	
25	1040.29	1092.56	
30	1011.69	1062.53	
35	962.63	1011.03	
40	894.86	939.89	
45	811.55	852.45	
50	716.99	753.20	
55	616.15	647.38	
60	514.21	540.43	
65	416.04	437.47	
70	325.80	342.90	
75	246.69	260.09	
80	180.85	191.33	
85	129.44	137.92	
90	92.83	100.26	
95	70.37	77.53	
100	59.52	66.76	
105	55.75	63.07	
110	54.92	62.26	
115	54.88	62.22	
120	54.93	62.27	
125	54.94	62.28	
130	54.94	62.28	
135	54.94	62.28	
140	54.93	62.27	
145	54.88	62.22	
150	54.92	62.26	
155	55.75	63.07	
160	59.52	66.76	
165	70.37	77.53	
170	92.83	100.26	
175	129.44	137.92	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	180.85	191.33	
185	246.69	260.09	
190	325.80	342.90	
195	416.04	437.47	
200	514.21	540.43	
205	616.15	647.38	
210	716.99	753.20	
215	811.55	852.45	
220	894.86	939.89	
225	962.63	1011.03	
230	1011.69	1062.53	
235	1040.29	1092.56	
240	1048.24	1100.90	
245	1036.79	1088.89	
250	1008.45	1059.13	
255	966.60	1015.20	
260	915.11	961.15	
265	857.94	901.14	
270	798.82	839.09	
275	741.01	778.41	
280	687.17	721.91	
285	639.31	671.69	
290	598.87	629.25	
295	566.78	595.58	
300	543.58	571.24	
305	529.57	556.55	
310	524.89	551.64	
315	529.57	556.55	
320	543.58	571.24	
325	566.78	595.58	
330	598.87	629.25	
335	639.31	671.69	
340	687.17	721.91	
345	741.01	778.41	
350	798.82	839.09	
355	857.94	901.14	

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