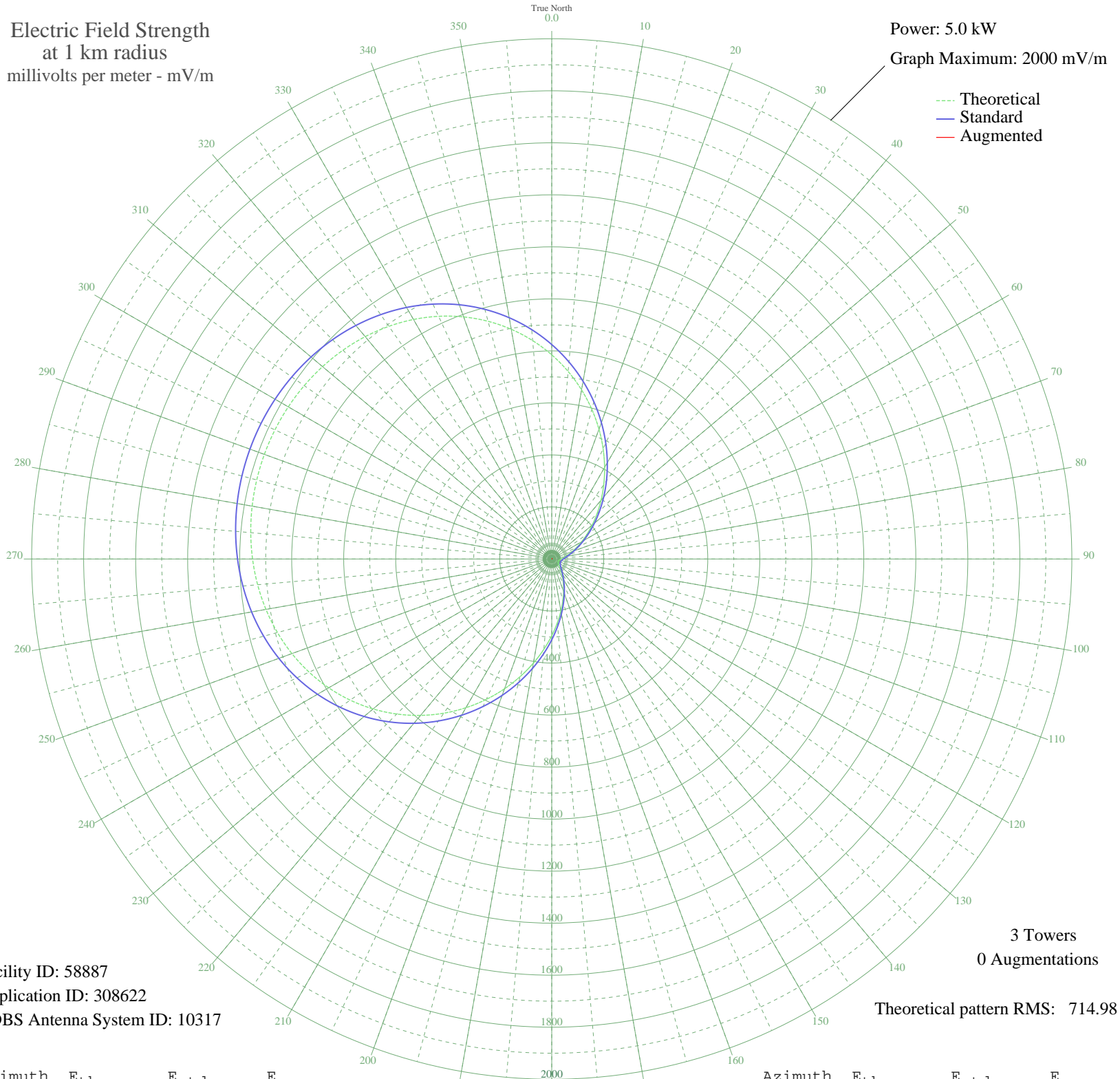


KPUG BELLINGHAM, WA BL-- 1170 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 58887
Application ID: 308622
CDBS Antenna System ID: 10317

3 Towers
0 Augmentations
Theoretical pattern RMS: 714.98

Azimuth	E _{theo}	E _{std}	E _{aug}
0	784.89	824.47	
5	723.71	760.25	
10	660.25	693.66	
15	595.62	625.84	
20	530.98	558.03	
25	467.52	491.45	
30	406.36	427.32	
35	348.53	366.71	
40	294.91	310.55	
45	246.17	259.55	
50	202.77	214.20	
55	164.92	174.75	
60	132.64	141.24	
65	105.74	113.48	
70	83.87	91.14	
75	66.55	73.72	
80	53.23	60.62	
85	43.31	51.18	
90	36.19	44.67	
95	31.32	40.40	
100	28.20	37.79	
105	26.48	36.39	
110	25.93	35.95	
115	26.48	36.39	
120	28.20	37.79	
125	31.32	40.40	
130	36.19	44.67	
135	43.31	51.18	
140	53.23	60.62	
145	66.55	73.72	
150	83.87	91.14	
155	105.74	113.48	
160	132.64	141.24	
165	164.92	174.75	
170	202.77	214.20	
175	246.17	259.55	

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	294.91	310.55	
185	348.53	366.71	
190	406.36	427.32	
195	467.52	491.45	
200	530.98	558.03	
205	595.62	625.84	
210	660.25	693.66	
215	723.71	760.25	
220	784.89	824.47	
225	842.85	885.30	
230	896.78	941.91	
235	946.08	993.66	
240	990.37	1040.15	
245	1029.44	1081.17	
250	1063.28	1116.69	
255	1092.02	1146.86	
260	1115.92	1171.95	
265	1135.30	1192.30	
270	1150.52	1208.27	
275	1161.92	1220.24	
280	1169.81	1228.53	
285	1174.45	1233.39	
290	1175.98	1235.00	
295	1174.45	1233.39	
300	1169.81	1228.53	
305	1161.92	1220.24	
310	1150.52	1208.27	
315	1135.30	1192.30	
320	1115.92	1171.95	
325	1092.02	1146.86	
330	1063.28	1116.69	
335	1029.44	1081.17	
340	990.37	1040.15	
345	946.08	993.66	
350	896.78	941.91	
355	842.85	885.30	