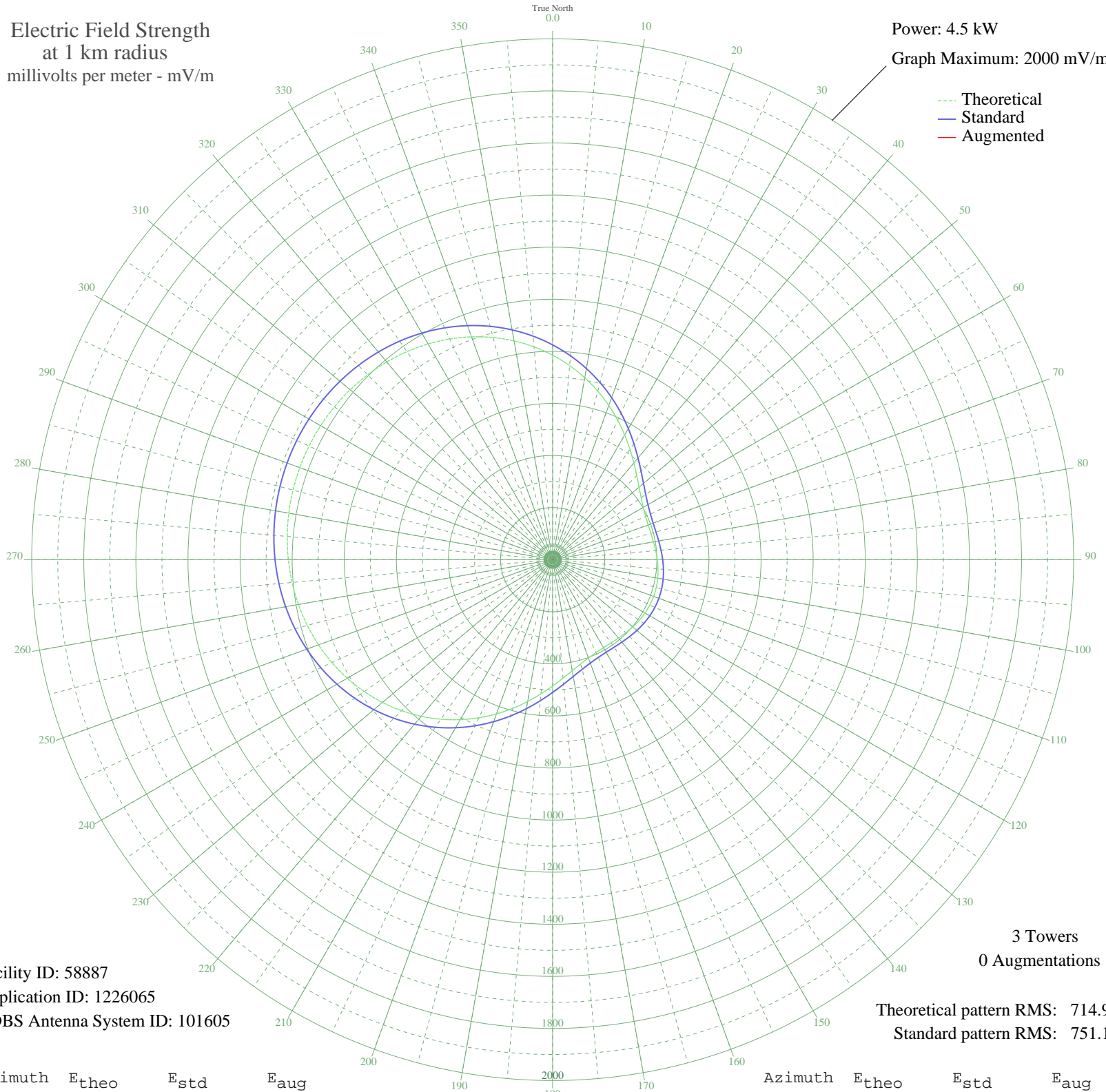


KPUG BELLINGHAM, WA BSTA-20071221ADF 1170 kHz

Nighttime

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

Power: 4.5 kW
Graph Maximum: 2000 mV/m



Facility ID: 58887
Application ID: 1226065
CDBS Antenna System ID: 101605

Theoretical pattern RMS: 714.98
Standard pattern RMS: 751.10

Azimuth	E _{theo}	E _{std}	E _{aug}
0	785.04	824.65	
5	747.95	785.73	
10	709.35	745.22	
15	669.83	703.74	
20	630.05	662.00	
25	590.79	620.81	
30	552.92	581.07	
35	517.34	543.75	
40	484.96	509.79	
45	456.64	480.09	
50	433.10	455.40	
55	414.78	436.19	
60	401.79	422.58	
65	393.87	414.28	
70	390.38	410.62	
75	390.41	410.66	
80	392.96	413.32	
85	396.98	417.54	
90	401.57	422.35	
95	405.93	426.92	
100	409.47	430.63	
105	411.76	433.04	
110	412.55	433.87	
115	411.76	433.04	
120	409.47	430.63	
125	405.93	426.92	
130	401.57	422.35	
135	396.98	417.54	
140	392.96	413.32	
145	390.41	410.66	
150	390.38	410.62	
155	393.87	414.28	
160	401.79	422.58	
165	414.78	436.19	
170	433.10	455.40	
175	456.64	480.09	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	484.96	509.79	
185	517.34	543.75	
190	552.92	581.07	
195	590.79	620.81	
200	630.05	662.00	
205	669.83	703.74	
210	709.35	745.22	
215	747.95	785.73	
220	785.04	824.65	
225	820.15	861.50	
230	852.91	895.89	
235	883.06	927.53	
240	910.41	956.25	
245	934.89	981.93	
250	956.45	1004.57	
255	975.13	1024.18	
260	991.01	1040.84	
265	1004.18	1054.67	
270	1014.75	1065.76	
275	1022.83	1074.25	
280	1028.53	1080.23	
285	1031.91	1083.78	
290	1033.03	1084.96	
295	1031.91	1083.78	
300	1028.53	1080.23	
305	1022.83	1074.25	
310	1014.75	1065.76	
315	1004.18	1054.67	
320	991.01	1040.84	
325	975.13	1024.18	
330	956.45	1004.57	
335	934.89	981.93	
340	910.41	956.25	
345	883.06	927.53	
350	852.91	895.89	
355	820.15	861.50	

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.

09 Jun 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission