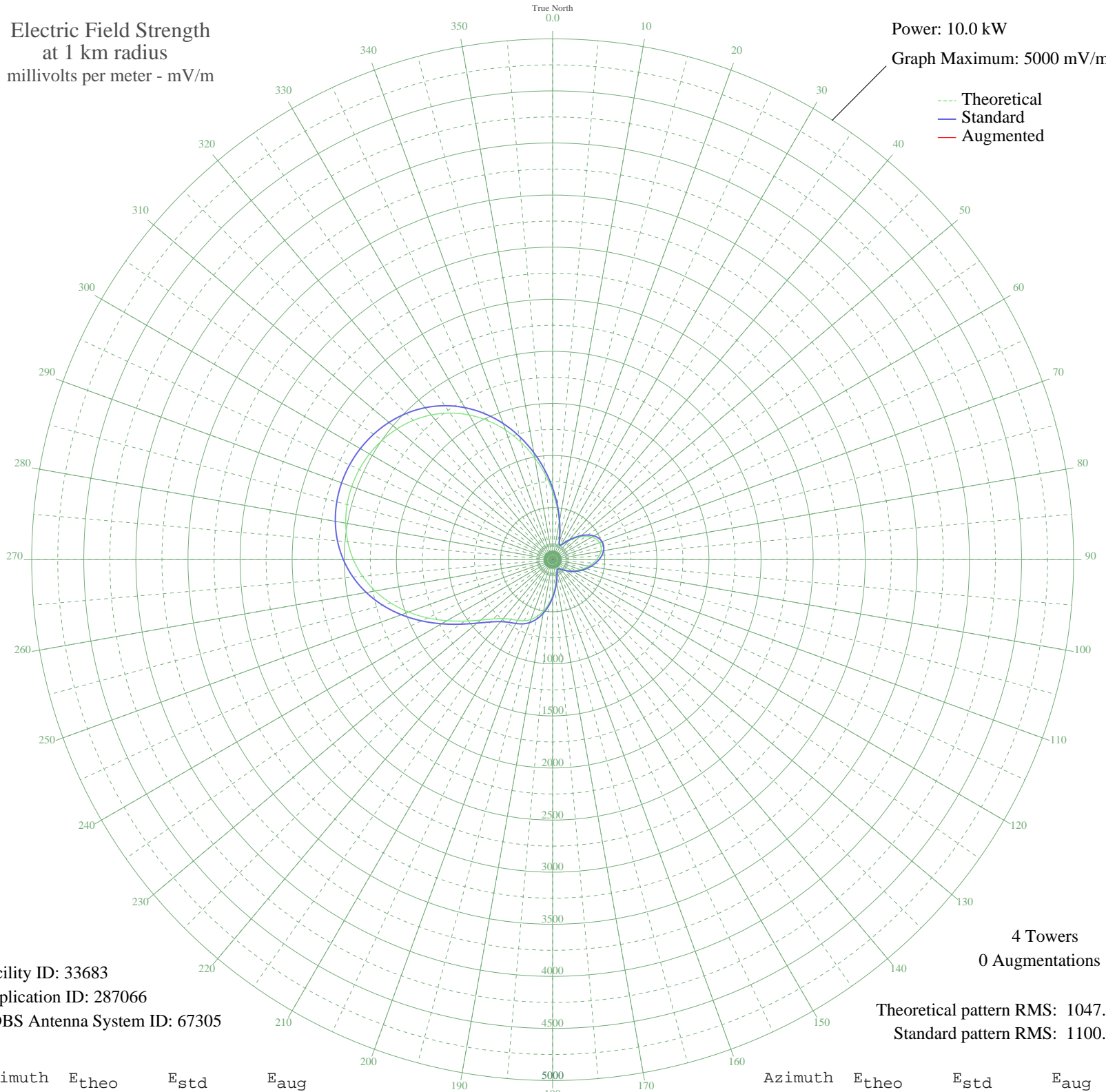


**KTBK AUBURN-FEDERAL WAY, WA BL-19990714DC 1210 kHz**

**Nighttime**

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 33683  
Application ID: 287066  
CDBS Antenna System ID: 67305

4 Towers  
0 Augmentations  
Theoretical pattern RMS: 1047.44  
Standard pattern RMS: 1100.43

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	652.78	686.41	
5	497.07	523.23	
10	361.09	380.93	
15	251.90	267.05	
20	177.07	189.54	
25	144.49	156.13	
30	152.50	164.31	
35	185.85	198.59	
40	232.40	246.79	
45	285.70	302.24	
50	340.42	359.33	
55	391.20	412.41	
60	433.29	456.45	
65	463.25	487.81	
70	479.33	504.64	
75	481.45	506.86	
80	470.95	495.87	
85	450.15	474.09	
90	421.78	444.40	
95	388.59	409.68	
100	352.90	372.38	
105	316.45	334.31	
110	280.34	296.65	
115	245.21	260.10	
120	211.54	225.15	
125	179.92	192.47	
130	151.30	163.08	
135	126.94	138.29	
140	108.10	119.34	
145	95.62	106.95	
150	90.32	101.74	
155	94.69	106.04	
160	113.41	124.66	
165	149.78	161.53	
170	203.16	216.48	
175	270.07	285.96	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	345.46	364.60	
185	423.24	445.93	
190	496.97	523.12	
195	560.79	589.98	
200	610.82	642.41	
205	646.60	679.93	
210	672.61	707.20	
215	698.72	734.58	
220	738.60	776.41	
225	804.70	845.73	
230	902.36	948.19	
235	1027.96	1079.99	
240	1171.95	1231.10	
245	1323.08	1389.72	
250	1471.20	1545.20	
255	1608.44	1689.26	
260	1729.45	1816.29	
265	1831.22	1923.14	
270	1912.68	2008.66	
275	1974.16	2073.20	
280	2016.87	2118.03	
285	2042.41	2144.85	
290	2052.37	2155.30	
295	2047.95	2150.67	
300	2029.85	2131.67	
305	1998.11	2098.34	
310	1952.16	2050.09	
315	1890.96	1985.85	
320	1813.27	1904.29	
325	1717.95	1804.23	
330	1604.37	1684.99	
335	1472.79	1546.87	
340	1324.78	1391.50	
345	1163.40	1222.12	
350	993.34	1043.66	
355	820.74	862.57	

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