

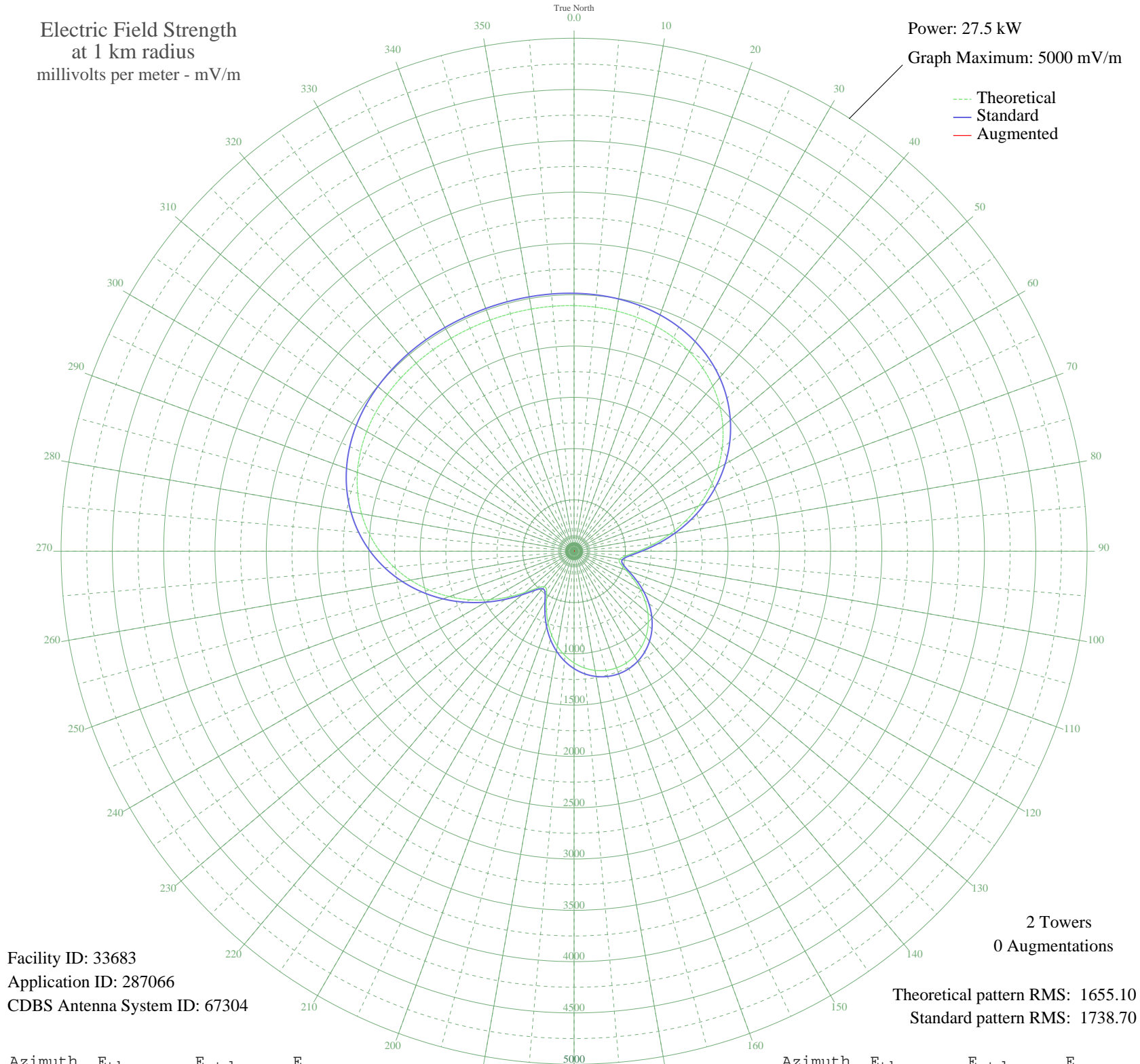
KTBK AUBURN-FEDERAL WAY, WA BL-19990714DC 1210 kHz

Daytime

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

Power: 27.5 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 33683
Application ID: 287066
CDBS Antenna System ID: 67304

2 Towers
0 Augmentations

Theoretical pattern RMS: 1655.10
Standard pattern RMS: 1738.70

Azimuth	E _{theo}	E _{std}	E _{aug}
0	2393.66	2513.94	
5	2387.95	2507.95	
10	2377.38	2496.86	
15	2360.03	2478.65	
20	2333.88	2451.19	
25	2296.88	2412.35	
30	2247.09	2360.09	
35	2182.84	2292.65	
40	2102.82	2208.65	
45	2006.22	2107.25	
50	1892.83	1988.24	
55	1763.15	1852.13	
60	1618.43	1700.24	
65	1460.72	1534.74	
70	1292.96	1358.72	
75	1119.07	1176.31	
80	944.27	993.01	
85	775.82	816.47	
90	624.72	658.26	
95	508.52	536.77	
100	451.16	476.90	
105	466.27	492.67	
110	537.69	567.25	
115	636.73	670.83	
120	743.14	782.23	
125	845.97	889.97	
130	939.55	988.06	
135	1020.90	1073.36	
140	1088.44	1144.19	
145	1141.36	1199.70	
150	1179.30	1239.49	
155	1202.09	1263.39	
160	1209.69	1271.36	
165	1202.09	1263.39	
170	1179.30	1239.49	
175	1141.36	1199.70	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1088.44	1144.19	
185	1020.90	1073.36	
190	939.55	988.06	
195	845.97	889.97	
200	743.14	782.23	
205	636.73	670.83	
210	537.69	567.25	
215	466.27	492.67	
220	451.16	476.90	
225	508.52	536.77	
230	624.72	658.26	
235	775.82	816.47	
240	944.27	993.01	
245	1119.07	1176.31	
250	1292.96	1358.72	
255	1460.72	1534.74	
260	1618.43	1700.24	
265	1763.15	1852.13	
270	1892.83	1988.24	
275	2006.22	2107.25	
280	2102.82	2208.65	
285	2182.84	2292.65	
290	2247.09	2360.09	
295	2296.88	2412.35	
300	2333.88	2451.19	
305	2360.03	2478.65	
310	2377.38	2496.86	
315	2387.95	2507.95	
320	2393.66	2513.94	
325	2396.19	2516.61	
330	2396.96	2517.41	
335	2396.99	2517.44	
340	2396.93	2517.38	
345	2396.99	2517.44	
350	2396.96	2517.41	
355	2396.19	2516.61	

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission