

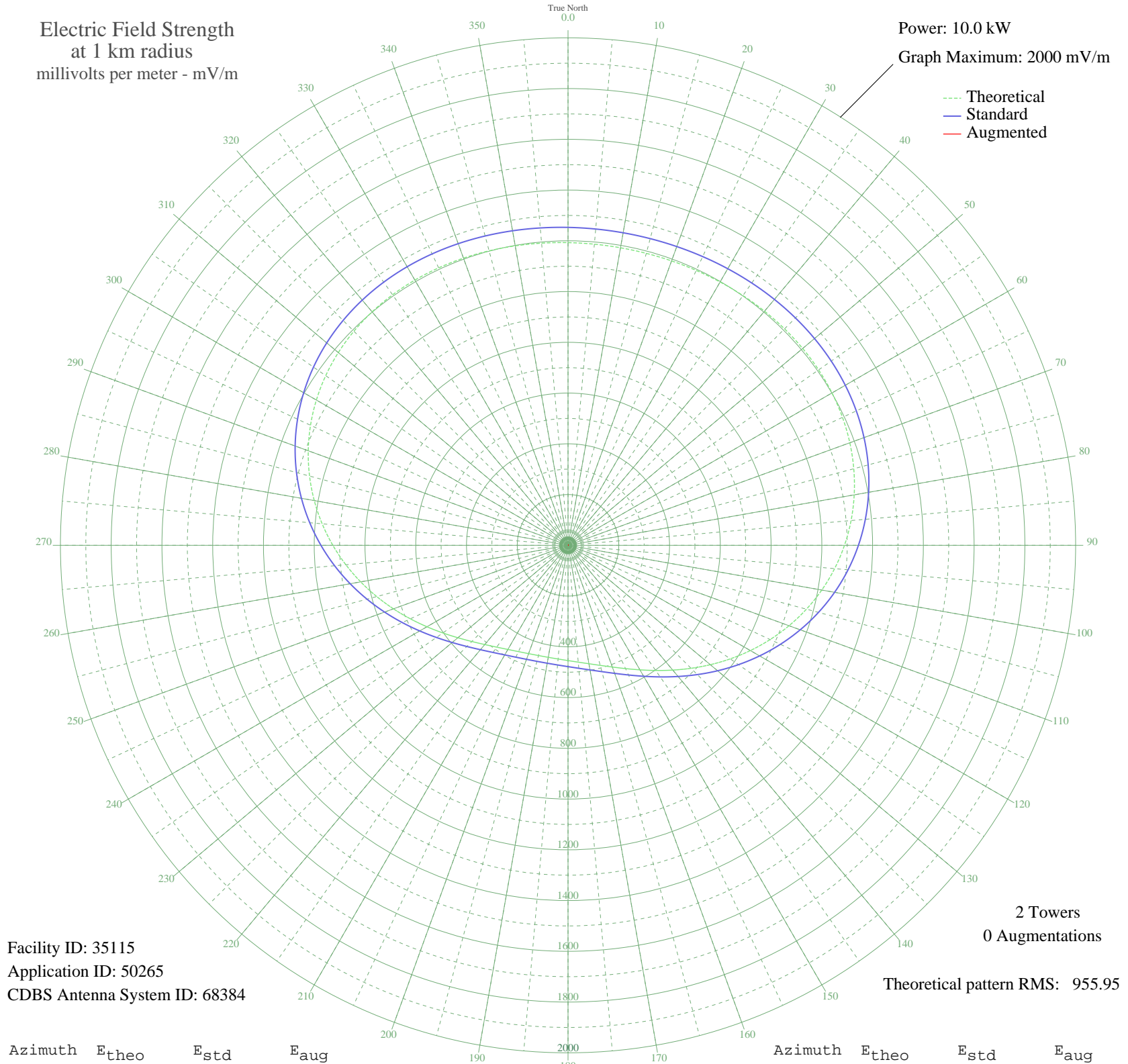
WDBC ESCANABA, MI BL-19821206AB 680 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 35115  
Application ID: 50265  
CDBS Antenna System ID: 68384

2 Towers  
0 Augmentations

Theoretical pattern RMS: 955.95

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1192.83	1252.91	
5	1191.23	1251.24	
10	1190.68	1250.66	
15	1191.23	1251.24	
20	1192.83	1252.91	
25	1195.28	1255.49	
30	1198.31	1258.66	
35	1201.51	1262.02	
40	1204.39	1265.05	
45	1206.40	1267.16	
50	1206.92	1267.70	
55	1205.32	1266.02	
60	1200.95	1261.43	
65	1193.21	1253.31	
70	1181.57	1241.10	
75	1165.59	1224.32	
80	1144.96	1202.67	
85	1119.51	1175.96	
90	1089.26	1144.20	
95	1054.38	1107.60	
100	1015.26	1066.54	
105	972.45	1021.61	
110	926.65	973.54	
115	878.70	923.24	
120	829.58	871.69	
125	780.30	819.98	
130	731.91	769.22	
135	685.46	720.50	
140	641.90	674.81	
145	602.08	633.05	
150	566.65	595.91	
155	536.06	563.84	
160	510.48	537.03	
165	489.86	515.42	
170	473.90	498.70	
175	462.20	486.44	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	454.28	478.14	
185	449.72	473.37	
190	448.23	471.81	
195	449.72	473.37	
200	454.28	478.14	
205	462.20	486.44	
210	473.90	498.70	
215	489.86	515.42	
220	510.48	537.03	
225	536.06	563.84	
230	566.65	595.91	
235	602.08	633.05	
240	641.90	674.81	
245	685.46	720.50	
250	731.91	769.22	
255	780.30	819.98	
260	829.58	871.69	
265	878.70	923.24	
270	926.65	973.54	
275	972.45	1021.61	
280	1015.26	1066.54	
285	1054.38	1107.60	
290	1089.26	1144.20	
295	1119.51	1175.96	
300	1144.96	1202.67	
305	1165.59	1224.32	
310	1181.57	1241.10	
315	1193.21	1253.31	
320	1200.95	1261.43	
325	1205.32	1266.02	
330	1206.92	1267.70	
335	1206.40	1267.16	
340	1204.39	1265.05	
345	1201.51	1262.02	
350	1198.31	1258.66	
355	1195.28	1255.49	