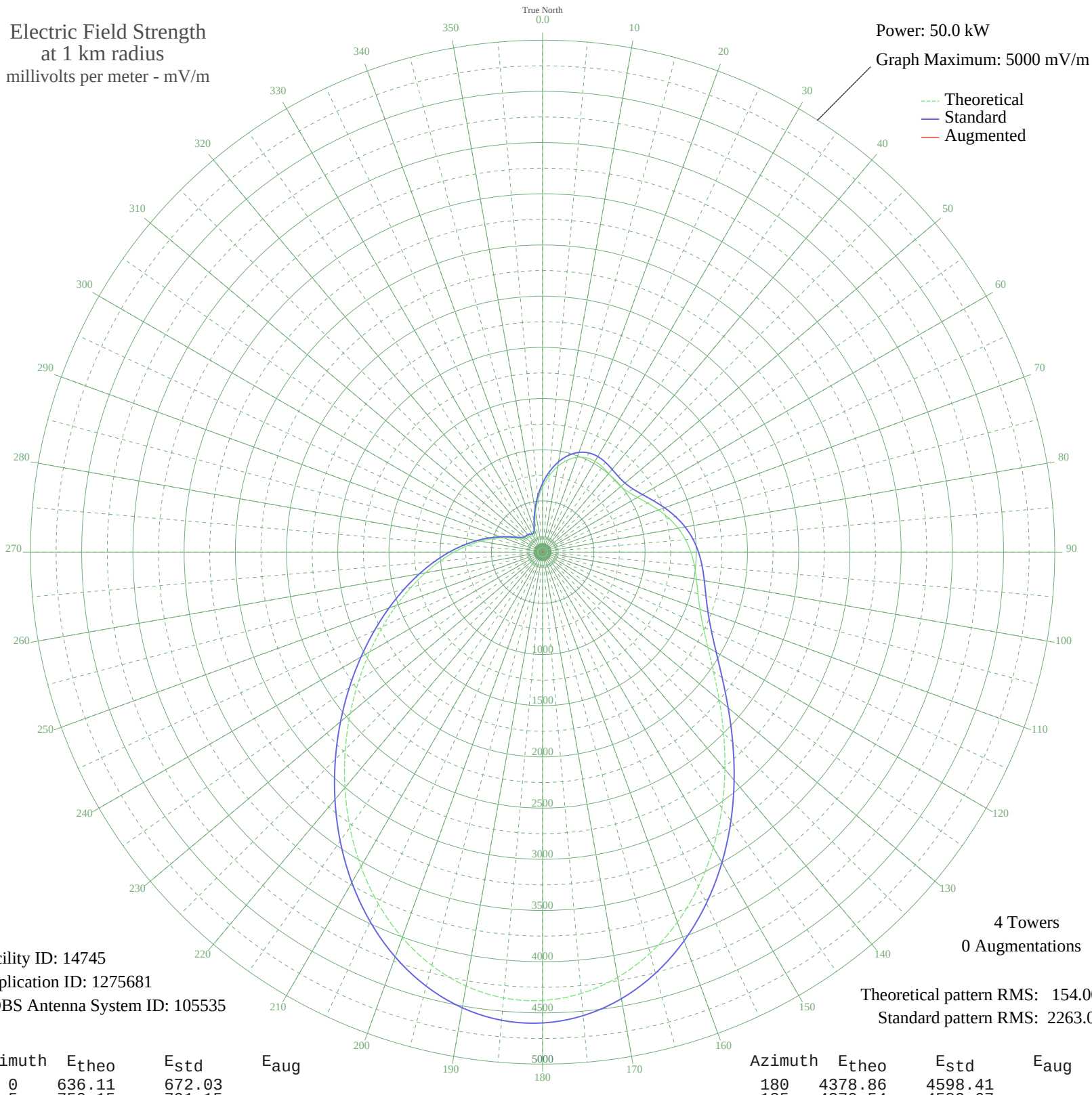
WATB DECATUR, GA BP-20080818ACV 1430 kHz

Daytime

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 14745
Application ID: 1275681
CDBS Antenna System ID: 105535

Theoretical pattern RMS: 154.00
Standard pattern RMS: 2263.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	636.11	672.03	
5	750.15	791.15	
10	849.94	895.52	
15	929.34	978.63	
20	984.70	1036.60	
25	1015.35	1068.70	
30	1023.98	1077.74	
35	1016.73	1070.14	
40	1002.74	1055.49	
45	992.88	1045.17	
50	997.35	1049.84	
55	1022.57	1076.26	
60	1069.17	1125.08	
65	1132.33	1191.26	
70	1204.22	1266.61	
75	1276.78	1342.67	
80	1343.55	1412.68	
85	1400.73	1472.64	
90	1447.64	1521.84	
95	1487.00	1563.11	
100	1524.92	1602.88	
105	1570.60	1650.81	
110	1635.22	1718.58	
115	1729.80	1817.80	
120	1862.62	1957.16	
125	2037.12	2140.27	
130	2251.31	2365.04	
135	2498.59	2624.57	
140	2769.22	2908.63	
145	3051.68	3205.12	
150	3333.62	3501.09	
155	3602.61	3783.47	
160	3846.65	4039.66	
165	4054.73	4258.11	
170	4217.36	4428.85	
175	4327.07	4544.03	
180	4378.86	4598.41	
185	4370.54	4589.67	
190	4302.85	4518.60	
195	4179.44	4389.04	
200	4006.54	4207.53	
205	3792.49	3982.80	
210	3547.00	3725.09	
215	3280.46	3445.28	
220	3003.08	3154.11	
225	2724.21	2861.39	
230	2451.75	2575.41	
235	2191.75	2302.54	
240	1948.31	2047.07	
245	1723.60	1811.30	
250	1518.14	1595.78	
255	1331.19	1399.72	
260	1161.20	1221.52	
265	1006.22	1059.14	
270	864.36	910.60	
275	734.07	774.34	
280	614.51	649.49	
285	505.78	536.24	
290	409.28	436.11	
295	327.93	352.24	
300	266.00	289.00	
305	227.05	249.70	
310	209.39	232.06	
315	204.01	226.71	
320	200.01	222.74	
325	191.35	214.20	
330	181.02	204.06	
335	184.14	207.11	
340	221.08	243.72	
345	296.36	319.91	
350	398.92	425.39	
355	515.85	546.71	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission