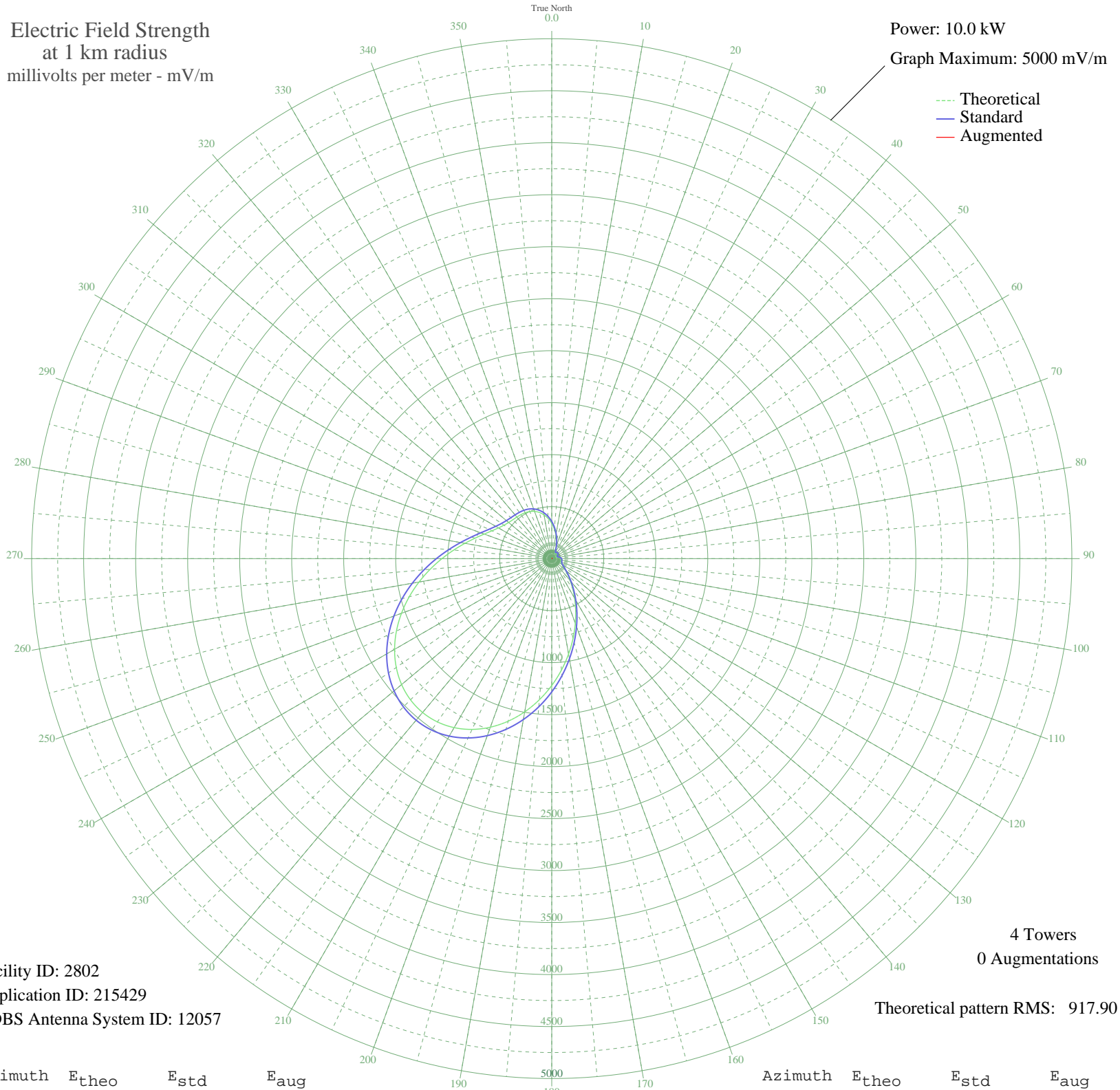


# WMPS BARTLETT, TN BL-19951017AA 1210 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 2802  
Application ID: 215429  
CDBS Antenna System ID: 12057

4 Towers  
0 Augmentations

Theoretical pattern RMS: 917.90

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	338.90	357.39	
5	285.66	301.78	
10	229.54	243.29	
15	173.76	185.44	
20	122.30	132.64	
25	80.62	90.93	
30	57.23	68.66	
35	56.58	68.06	
40	65.28	76.16	
45	70.79	81.41	
50	69.41	80.08	
55	61.67	72.77	
60	50.61	62.67	
65	41.99	55.19	
70	42.80	55.87	
75	52.85	64.67	
80	65.71	76.57	
85	76.87	87.28	
90	84.45	94.68	
95	88.21	98.40	
100	89.17	99.34	
105	89.30	99.48	
110	91.31	101.46	
115	98.09	108.21	
120	112.09	122.29	
125	135.14	145.73	
130	168.81	180.34	
135	214.75	227.92	
140	274.49	290.12	
145	349.14	368.09	
150	439.11	462.26	
155	544.01	572.17	
160	662.53	696.45	
165	792.58	832.87	
170	931.27	978.40	
175	1075.10	1129.34	

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.

13 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	1220.08	1281.51	
185	1361.90	1430.38	
190	1496.15	1571.30	
195	1618.51	1699.76	
200	1724.96	1811.51	
205	1811.95	1902.83	
210	1876.60	1970.71	
215	1916.82	2012.93	
220	1931.43	2028.27	
225	1920.22	2016.51	
230	1884.00	1978.48	
235	1824.53	1916.04	
240	1744.49	1832.02	
245	1647.35	1730.04	
250	1537.16	1614.36	
255	1418.37	1489.66	
260	1295.56	1360.74	
265	1173.23	1232.33	
270	1055.50	1108.77	
275	945.96	993.81	
280	847.47	890.46	
285	762.05	800.84	
290	690.84	726.14	
295	634.11	666.64	
300	591.25	621.70	
305	560.89	589.87	
310	540.98	569.00	
315	528.93	556.37	
320	521.80	548.89	
325	516.51	543.35	
330	510.07	536.60	
335	499.78	525.82	
340	483.44	508.69	
345	459.50	483.62	
350	427.22	449.81	
355	386.69	407.38	