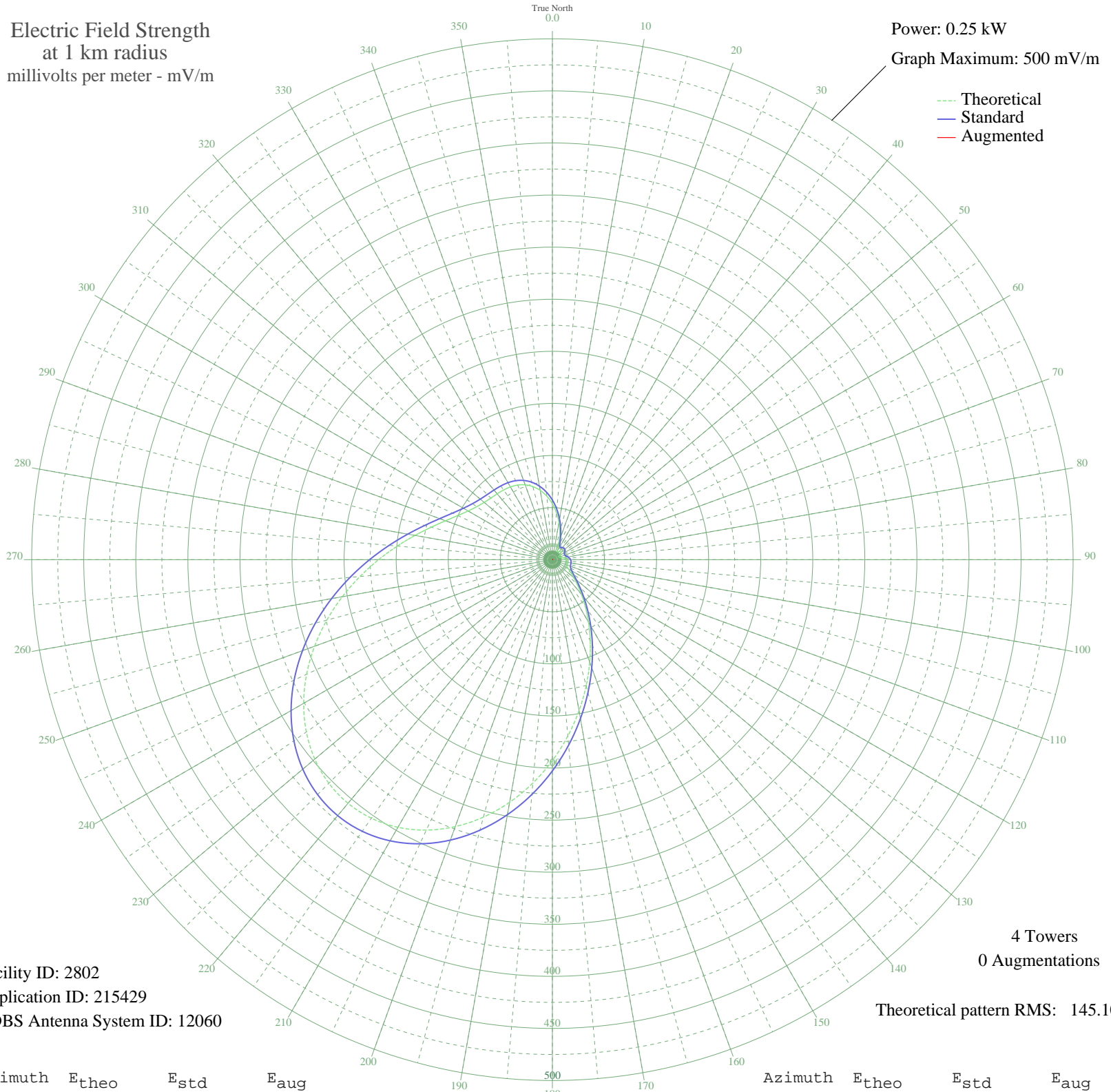


# WMPS BARTLETT, TN BL-19951017AA 1210 kHz

Nighttime

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

Power: 0.25 kW  
Graph Maximum: 500 mV/m



Facility ID: 2802  
Application ID: 215429  
CDBS Antenna System ID: 12060

4 Towers  
0 Augmentations

Theoretical pattern RMS: 145.10

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	53.57	57.22	
5	45.16	48.56	
10	36.28	39.52	
15	27.47	30.69	
20	19.33	22.85	
25	12.74	17.01	
30	9.05	14.16	
35	8.94	14.09	
40	10.32	15.09	
45	11.19	15.76	
50	10.97	15.59	
55	9.75	14.66	
60	8.00	13.45	
65	6.64	12.60	
70	6.77	12.68	
75	8.35	13.68	
80	10.39	15.14	
85	12.15	16.52	
90	13.35	17.51	
95	13.94	18.02	
100	14.10	18.15	
105	14.12	18.17	
110	14.43	18.44	
115	15.51	19.37	
120	17.72	21.36	
125	21.36	24.77	
130	26.69	29.92	
135	33.95	37.16	
140	43.39	46.75	
145	55.19	58.89	
150	69.41	73.64	
155	86.00	90.90	
160	104.73	110.47	
165	125.29	131.97	
170	147.21	154.93	
175	169.95	178.76	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	192.87	202.78	
185	215.29	226.29	
190	236.51	248.56	
195	255.85	268.85	
200	272.68	286.50	
205	286.43	300.93	
210	296.65	311.66	
215	303.01	318.33	
220	305.32	320.75	
225	303.55	318.90	
230	297.82	312.89	
235	288.42	303.02	
240	275.77	289.75	
245	260.41	273.63	
250	242.99	255.36	
255	224.21	235.66	
260	204.80	215.30	
265	185.46	195.02	
270	166.85	175.51	
275	149.54	157.36	
280	133.97	141.06	
285	120.46	126.92	
290	109.21	115.15	
295	100.24	105.77	
300	93.46	98.70	
305	88.66	93.69	
310	85.52	90.41	
315	83.61	88.42	
320	82.48	87.24	
325	81.65	86.37	
330	80.63	85.31	
335	79.00	83.62	
340	76.42	80.93	
345	72.64	76.99	
350	67.53	71.68	
355	61.13	65.04	

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