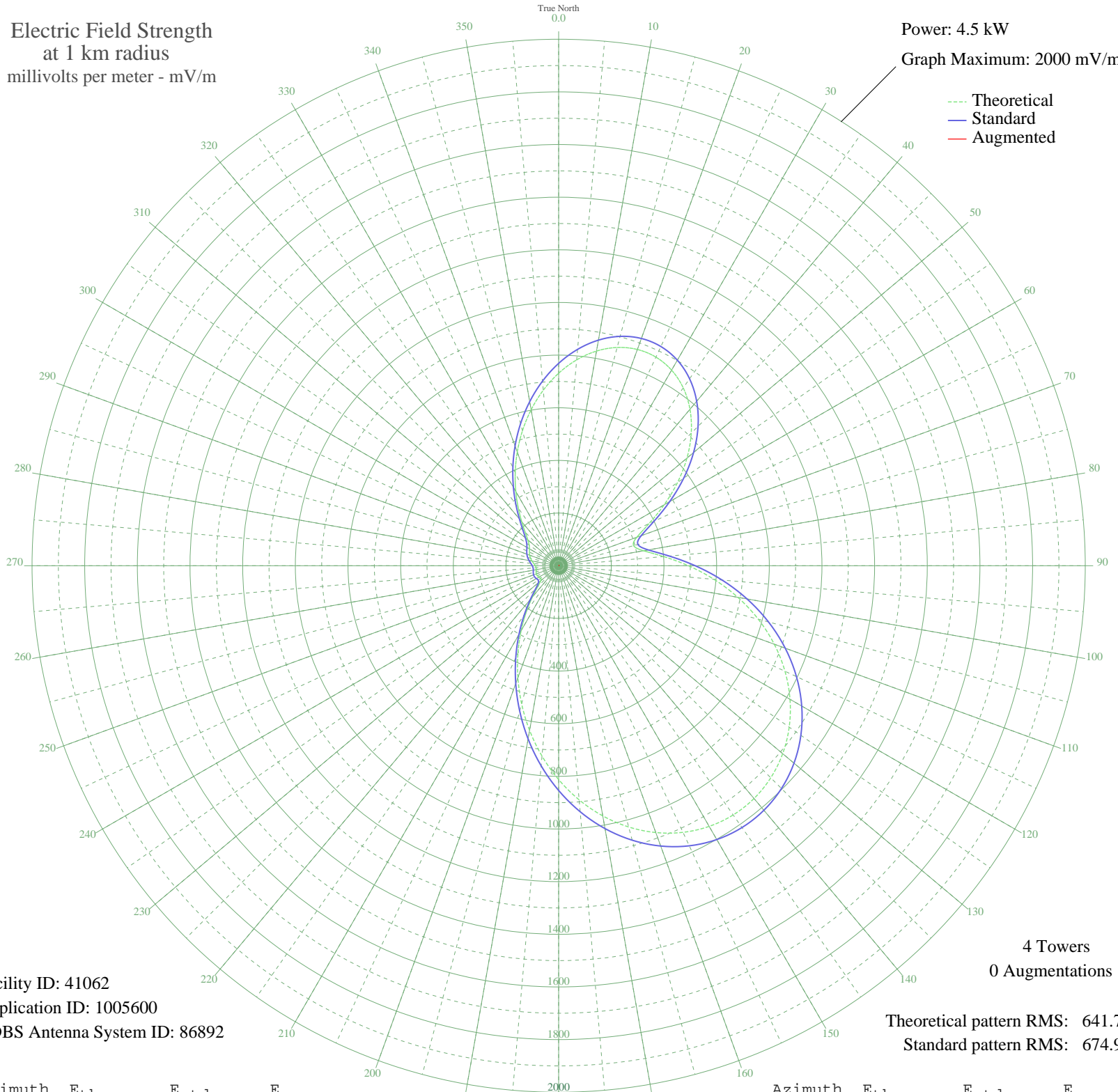


# WNSR BRENTWOOD, TN BL-20040719AEW 560 kHz

Daytime

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

Power: 4.5 kW  
Graph Maximum: 2000 mV/m



Facility ID: 41062  
Application ID: 1005600  
CDBS Antenna System ID: 86892

Theoretical pattern RMS: 641.78  
Standard pattern RMS: 674.91

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	731.30	768.76	
5	784.98	825.06	
10	828.04	870.23	
15	858.38	902.05	
20	874.24	918.70	
25	874.35	918.81	
30	857.96	901.61	
35	824.95	866.99	
40	775.92	815.56	
45	712.22	748.75	
50	636.11	668.94	
55	551.03	579.76	
60	462.30	486.82	
65	378.74	399.39	
70	315.64	333.48	
75	294.73	311.67	
80	327.40	345.76	
85	400.16	421.79	
90	492.82	518.78	
95	592.21	622.92	
100	691.04	726.53	
105	785.03	825.11	
110	871.45	915.77	
115	948.43	996.53	
120	1014.59	1065.97	
125	1068.94	1122.99	
130	1110.68	1166.81	
135	1139.28	1196.82	
140	1154.36	1212.64	
145	1155.71	1214.06	
150	1143.34	1201.08	
155	1117.48	1173.93	
160	1078.58	1133.12	
165	1027.41	1079.41	
170	965.01	1013.93	
175	892.75	938.11	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	812.32	853.74	
185	725.72	762.90	
190	635.20	667.99	
195	543.24	571.60	
200	452.43	476.48	
205	365.44	385.49	
210	284.98	301.51	
215	213.82	227.54	
220	155.00	166.89	
225	112.18	123.45	
230	88.80	100.30	
235	83.08	94.75	
240	85.96	97.53	
245	89.31	100.80	
250	90.01	101.49	
255	88.29	99.81	
260	86.06	97.63	
265	85.68	97.27	
270	88.70	100.21	
275	94.94	106.32	
280	102.84	114.14	
285	110.62	121.89	
290	117.11	128.41	
295	122.33	133.67	
300	127.80	139.19	
305	136.61	148.13	
310	152.79	164.63	
315	179.51	192.08	
320	217.89	231.75	
325	267.08	282.86	
330	325.26	343.52	
335	390.21	411.39	
340	459.59	483.98	
345	530.94	558.71	
350	601.73	632.90	
355	669.38	703.82	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission