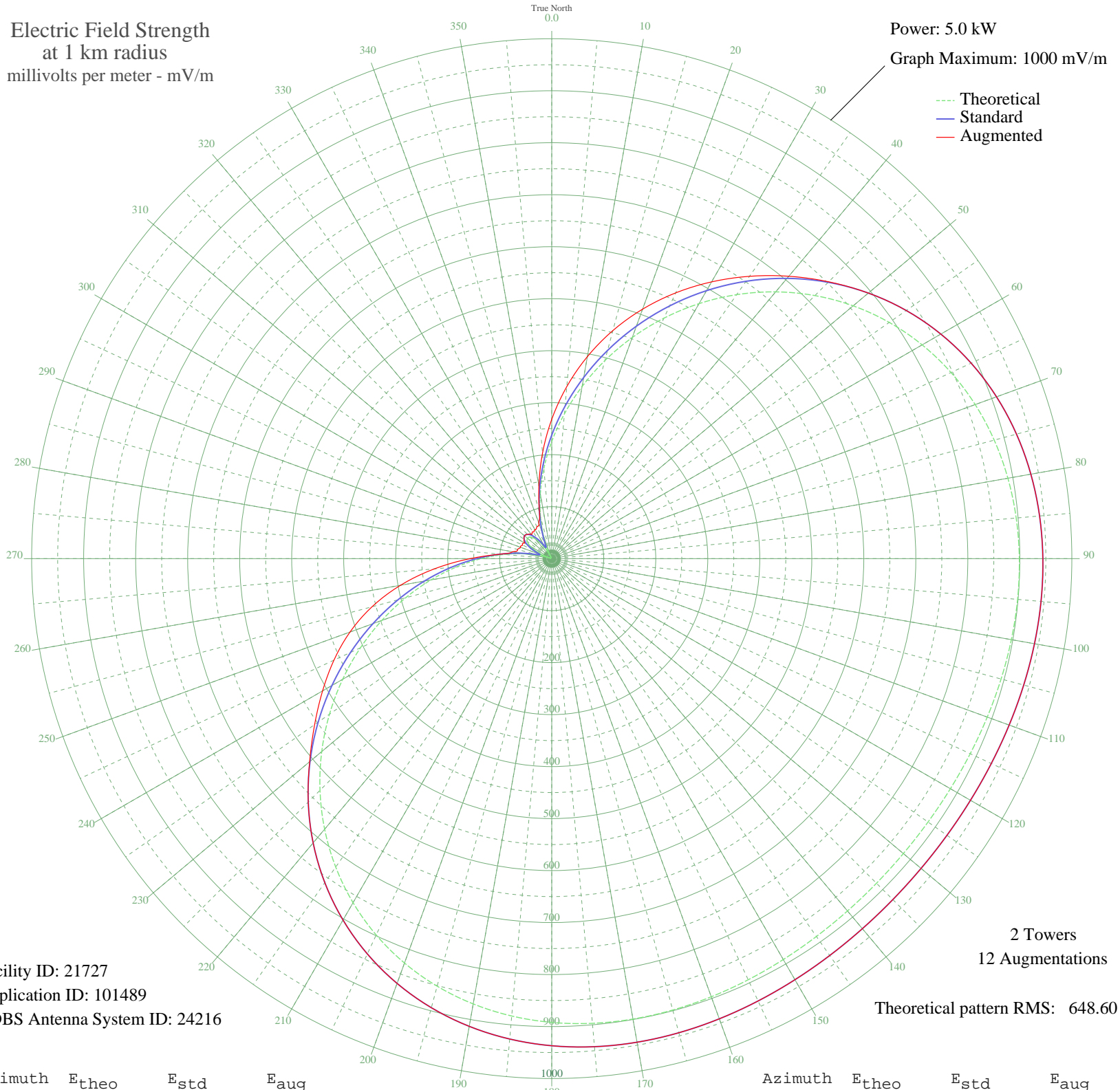


# WHBQ MEMPHIS, TN BL-19870526AG 560 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 21727  
Application ID: 101489  
CDBS Antenna System ID: 24216

2 Towers  
12 Augmentations  
Theoretical pattern RMS: 648.60

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	225.24	237.66	268.00
5	279.60	294.52	332.22
10	336.23	353.83	394.58
15	394.22	414.60	454.17
20	452.58	475.79	510.64
25	510.30	536.33	564.05
30	566.37	595.16	614.69
35	619.84	651.26	662.93
40	669.83	703.71	709.05
45	715.59	751.73	753.06
50	756.51	794.68	794.68
55	792.19	832.13	832.13
60	822.39	863.83	863.83
65	847.08	889.75	889.75
70	866.44	910.06	910.06
75	880.77	925.11	925.11
80	890.58	935.40	935.40
85	896.45	941.56	941.56
90	899.05	944.29	944.29
95	899.10	944.35	944.35
100	897.33	942.49	942.49
105	894.44	939.46	939.46
110	891.08	935.92	935.92
115	887.80	932.49	932.49
120	885.07	929.62	929.62
125	883.24	927.70	927.70
130	882.53	926.95	926.95
135	883.01	927.45	927.45
140	884.63	929.15	929.15
145	887.20	931.85	931.85
150	890.40	935.21	935.21
155	893.79	938.77	938.77
160	896.82	941.95	941.95
165	898.87	944.10	944.10
170	899.24	944.49	944.49
175	897.20	942.36	942.36

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	892.05	936.94	936.94
185	883.08	927.53	927.53
190	869.69	913.48	913.48
195	851.37	894.25	894.25
200	827.76	869.47	869.47
205	798.67	838.93	838.93
210	764.08	802.62	802.62
215	724.17	760.75	760.75
220	679.34	713.70	713.70
225	630.15	662.07	662.07
230	577.31	606.63	607.78
235	521.68	548.26	556.57
240	464.21	487.98	508.79
245	405.90	426.84	462.06
250	347.75	365.90	412.80
255	290.77	306.21	357.76
260	235.89	248.79	295.40
265	183.95	194.57	226.83
270	135.70	144.41	156.99
275	91.80	99.21	99.21
280	52.78	60.19	76.12
285	19.06	30.85	68.17
290	9.03	25.32	63.74
295	31.24	40.34	61.60
300	47.40	55.03	60.21
305	57.38	64.67	64.99
310	61.14	68.35	68.35
315	58.63	65.89	65.89
320	49.89	57.40	61.16
325	34.96	43.57	62.76
330	13.95	27.67	64.37
335	12.98	27.15	67.59
340	45.60	53.33	72.42
345	83.59	90.86	90.86
350	126.56	134.94	142.16
355	173.98	184.18	203.61