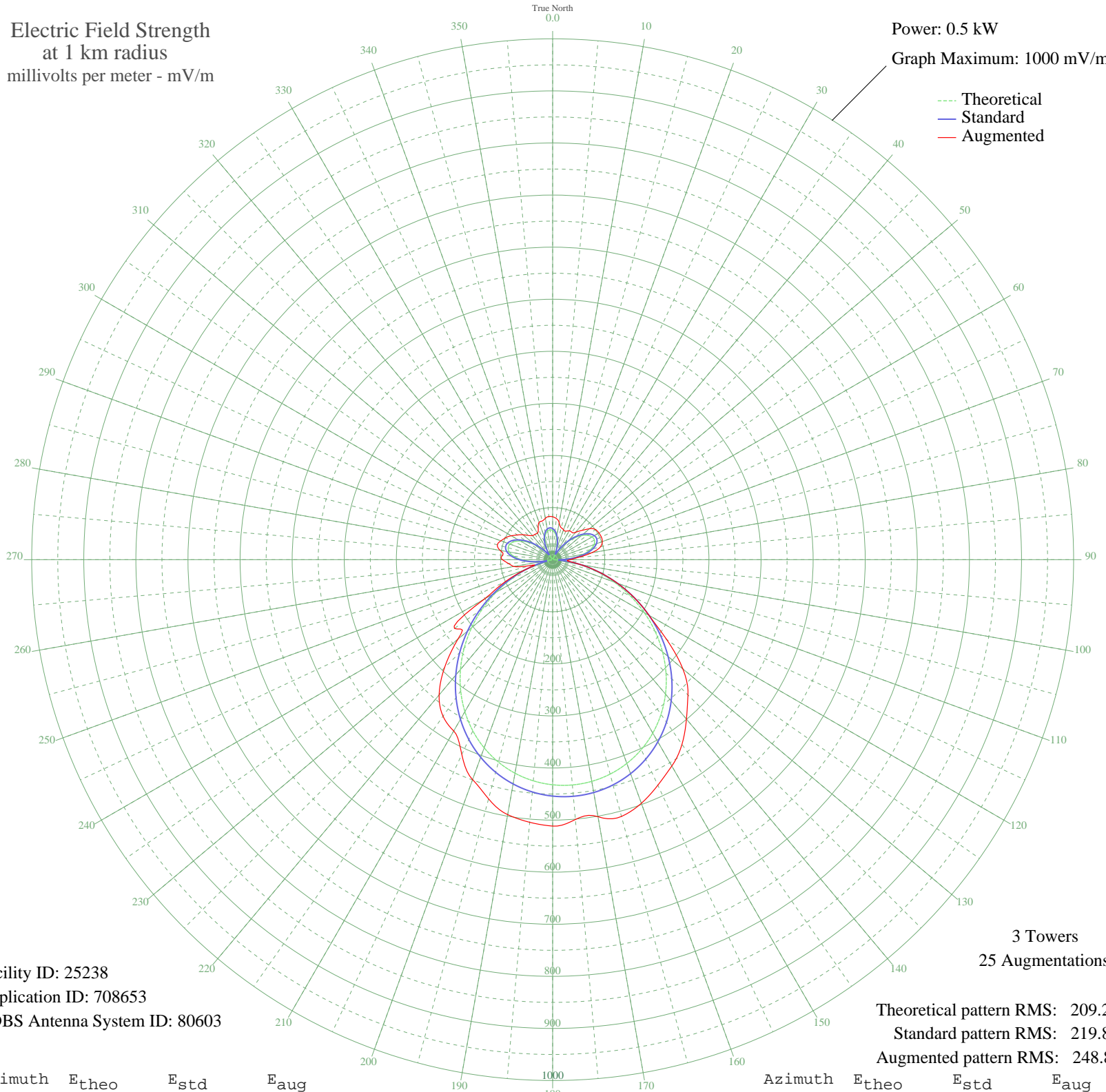


# WABG GREENWOOD, MS BL-20031121APO 960 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 1000 mV/m



Facility ID: 25238  
Application ID: 708653  
CDBS Antenna System ID: 80603

Theoretical pattern RMS: 209.21  
Standard pattern RMS: 219.80  
Augmented pattern RMS: 248.81

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	55.91	59.71	82.36
5	51.09	54.74	79.36
10	43.24	46.69	71.96
15	32.64	35.95	63.41
20	19.67	23.34	60.91
25	4.86	12.00	60.37
30	11.17	15.99	63.97
35	27.70	31.05	64.12
40	43.89	47.35	68.56
45	58.85	62.74	79.48
50	71.67	76.03	92.47
55	81.43	86.19	100.47
60	87.29	92.29	102.56
65	88.51	93.57	103.13
70	84.55	89.44	101.50
75	75.04	79.54	94.95
80	59.88	63.81	75.92
85	39.22	42.59	49.05
90	13.45	17.82	33.80
95	16.79	20.70	29.00
100	50.68	54.31	54.31
105	87.27	92.27	92.27
110	125.53	132.25	132.25
115	164.42	172.98	172.98
120	202.92	213.35	213.35
125	240.15	252.39	267.02
130	275.29	289.26	326.31
135	307.72	323.29	367.32
140	336.94	353.95	399.55
145	362.59	380.88	432.81
150	384.44	403.81	457.47
155	402.37	422.63	477.80
160	416.31	437.26	497.79
165	426.25	447.70	510.39
170	432.21	453.95	501.12
175	434.19	456.03	500.78

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	432.21	453.95	511.53
185	426.25	447.70	506.16
190	416.31	437.26	497.13
195	402.37	422.63	475.42
200	384.44	403.81	449.38
205	362.59	380.88	412.63
210	336.94	353.95	379.76
215	307.72	323.29	366.90
220	275.30	289.26	339.06
225	240.15	252.39	293.72
230	202.93	213.35	237.63
235	164.42	172.98	230.21
240	125.53	132.25	151.74
245	87.27	92.27	100.96
250	50.68	54.31	55.75
255	16.79	20.70	42.70
260	13.45	17.82	75.69
265	39.22	42.59	85.19
270	59.88	63.81	96.54
275	75.04	79.54	96.55
280	84.55	89.44	102.38
285	88.51	93.57	109.84
290	87.29	92.29	105.72
295	81.43	86.19	99.56
300	71.67	76.03	91.73
305	58.85	62.74	82.67
310	43.89	47.35	74.42
315	27.70	31.05	65.71
320	11.17	15.99	60.38
325	4.86	12.00	59.40
330	19.67	23.34	58.58
335	32.64	35.95	65.40
340	43.24	46.69	76.16
345	51.09	54.74	76.90
350	55.91	59.71	80.57
355	57.54	61.39	83.27

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission