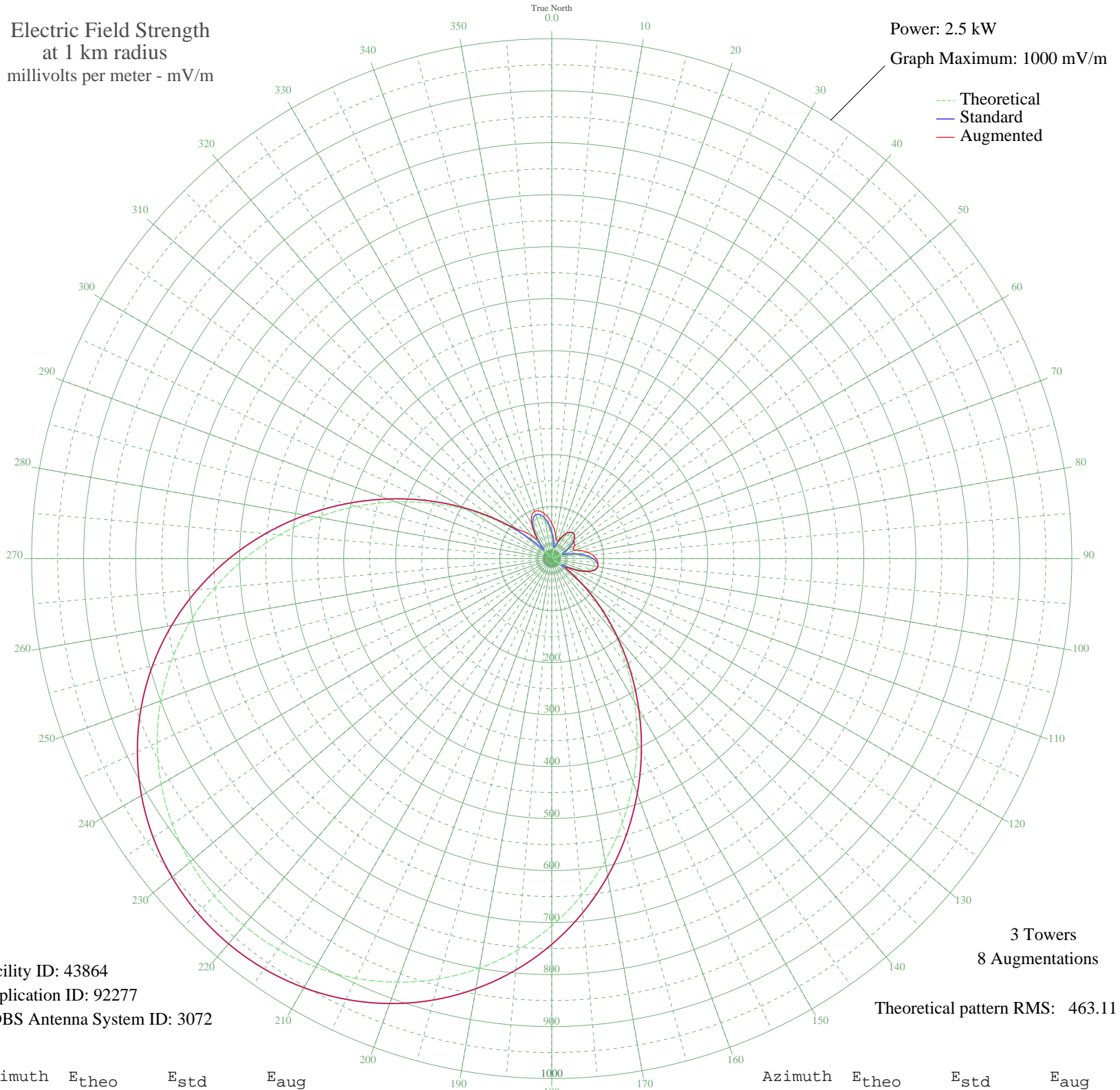


# WBGR BALTIMORE, MD BL-19860918AB 860 kHz

Daytime

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

Power: 2.5 kW  
Graph Maximum: 1000 mV/m



Facility ID: 43864  
Application ID: 92277  
CDBS Antenna System ID: 3072

3 Towers  
8 Augmentations  
Theoretical pattern RMS: 463.11

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	44.12	51.19	68.00
5	26.38	35.23	56.29
10	8.18	23.40	44.45
15	9.80	24.07	36.12
20	25.67	34.64	36.88
25	39.01	46.38	46.38
30	49.05	55.91	55.91
35	55.29	61.99	61.99
40	57.41	64.09	64.09
45	55.31	62.02	62.02
50	49.10	55.96	55.96
55	39.08	46.44	52.00
60	25.76	34.71	51.84
65	9.90	24.12	45.55
70	8.08	23.36	47.11
75	26.27	35.14	59.10
80	44.02	51.09	70.19
85	59.92	66.57	79.08
90	72.60	79.28	85.44
95	80.70	87.48	89.12
100	82.93	89.76	89.76
105	78.17	84.92	84.92
110	65.52	72.16	72.16
115	44.39	51.44	51.50
120	14.73	26.70	34.07
125	24.56	33.74	38.60
130	71.16	77.82	77.82
135	125.19	133.24	133.24
140	185.38	195.87	195.87
145	250.31	263.72	263.72
150	318.38	335.01	335.01
155	387.97	407.94	407.94
160	457.44	480.80	480.80
165	525.27	551.96	551.96
170	590.10	619.99	619.99
175	650.78	683.67	683.67

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	706.38	742.02	742.02
185	756.21	794.32	794.32
190	799.77	840.04	840.04
195	836.77	878.88	878.88
200	867.06	910.67	910.67
205	890.58	935.36	935.36
210	907.34	952.96	952.96
215	917.39	963.50	963.50
220	920.74	967.03	967.03
225	917.43	963.54	963.54
230	907.42	953.04	953.04
235	890.70	935.49	935.49
240	867.22	910.84	910.84
245	836.97	879.09	879.09
250	800.01	840.29	840.29
255	756.49	794.61	794.61
260	706.70	742.36	742.36
265	651.13	684.04	684.04
270	590.48	620.39	620.39
275	525.67	552.38	552.38
280	457.85	481.24	481.24
285	388.39	408.38	408.38
290	318.80	335.44	335.44
295	250.71	264.14	264.14
300	185.76	196.26	196.26
305	125.54	133.60	133.60
310	71.46	78.13	90.11
315	24.82	33.95	72.00
320	14.53	26.58	52.42
325	44.24	51.29	54.06
330	65.42	72.05	76.92
335	78.12	84.86	91.19
340	82.93	89.75	96.56
345	80.73	87.52	94.97
350	72.67	79.34	88.80
355	60.01	66.66	79.31