

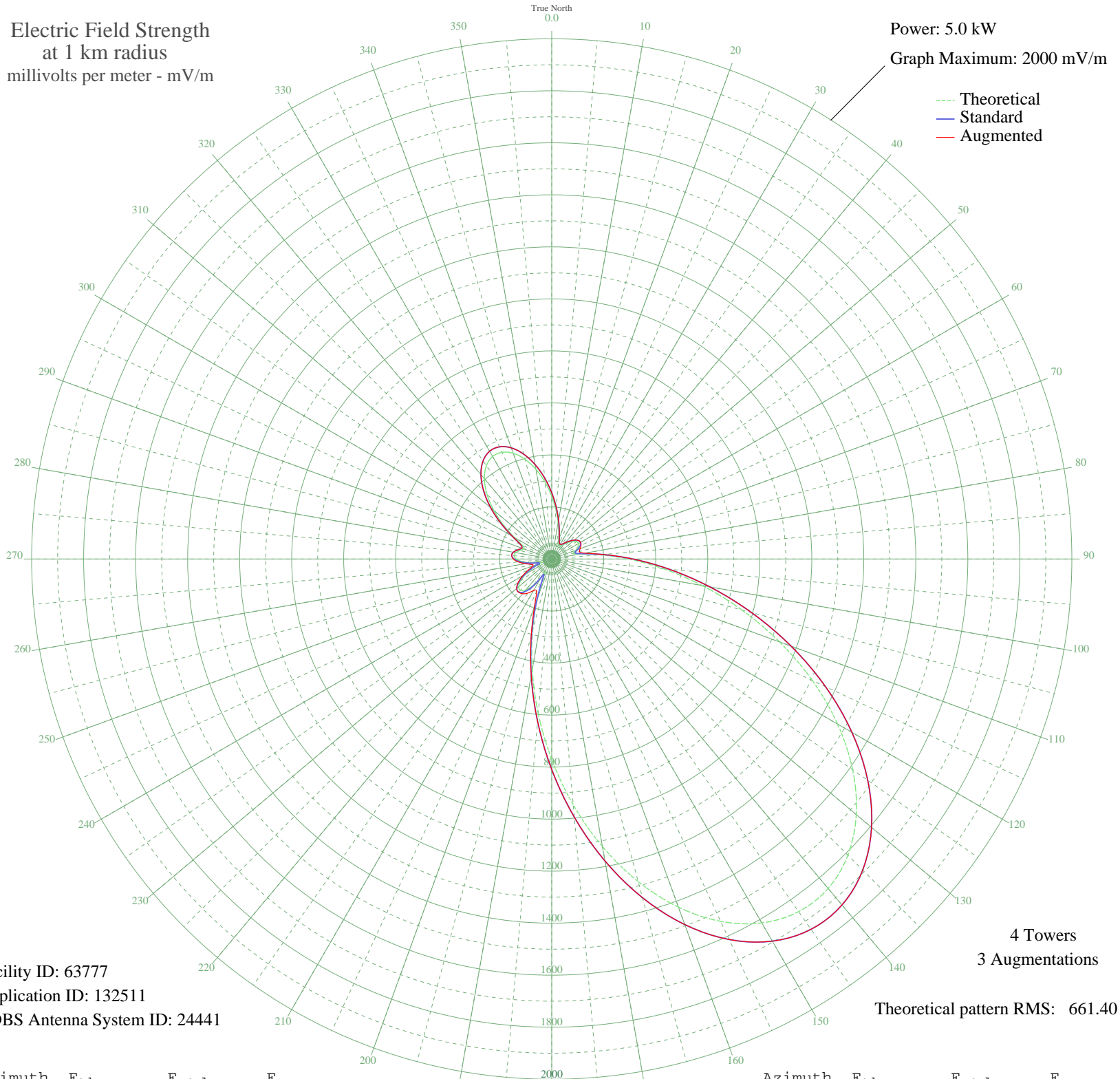
**WCAO BALTIMORE, MD BL-19890825AF 600 kHz**

Unlimited Time

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m



Facility ID: 63777  
Application ID: 132511  
CDBS Antenna System ID: 24441

Theoretical pattern RMS: 661.40

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	241.21	254.43	254.43
5	188.35	199.25	199.25
10	141.81	150.87	150.87
15	104.33	112.21	112.21
20	77.51	84.94	84.94
25	61.96	69.46	69.46
30	57.41	65.00	65.00
35	62.44	69.93	69.93
40	74.37	81.79	81.79
45	89.76	97.34	97.34
50	104.92	112.82	112.82
55	116.09	124.30	124.30
60	119.74	128.05	128.05
65	113.29	121.41	124.12
70	97.47	105.20	116.62
75	85.05	92.56	110.00
80	110.70	118.75	128.98
85	185.97	196.78	198.46
90	296.01	311.76	311.76
95	431.86	454.10	454.10
100	587.56	617.42	617.42
105	756.88	795.10	795.10
110	932.52	979.45	979.45
115	1106.23	1161.79	1161.79
120	1269.20	1332.88	1332.88
125	1412.68	1483.52	1483.52
130	1528.66	1605.28	1605.28
135	1610.49	1691.19	1691.19
140	1653.45	1736.29	1736.29
145	1655.10	1738.02	1738.02
150	1615.47	1696.42	1696.42
155	1537.01	1614.04	1614.04
160	1424.29	1495.70	1495.70
165	1283.59	1347.99	1347.99
170	1122.38	1178.75	1178.75
175	948.71	996.44	996.44

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	770.69	809.59	809.59
185	595.96	626.23	626.23
190	431.41	453.63	454.04
195	283.11	298.25	305.06
200	157.19	166.84	193.52
205	68.75	76.18	138.38
210	74.33	81.75	139.91
215	122.09	130.48	159.90
220	155.80	165.39	174.53
225	170.01	180.15	180.41
230	165.79	175.77	176.10
235	145.93	155.15	157.54
240	114.25	122.40	129.21
245	76.21	83.63	98.16
250	44.15	52.35	76.91
255	50.09	57.94	80.43
260	83.04	90.52	103.30
265	114.65	122.81	128.82
270	136.50	145.38	147.37
275	145.37	154.56	154.73
280	140.86	149.89	149.89
285	126.72	135.26	135.26
290	114.54	122.70	122.70
295	124.58	133.05	133.05
300	165.46	175.43	175.43
305	225.28	237.79	237.79
310	290.61	306.11	306.11
315	352.01	370.41	370.41
320	402.67	423.51	423.51
325	437.85	460.38	460.38
330	454.74	478.10	478.10
335	452.56	475.81	475.81
340	432.39	454.66	454.66
345	396.94	417.50	417.50
350	350.15	368.46	368.46
355	296.63	312.41	312.41