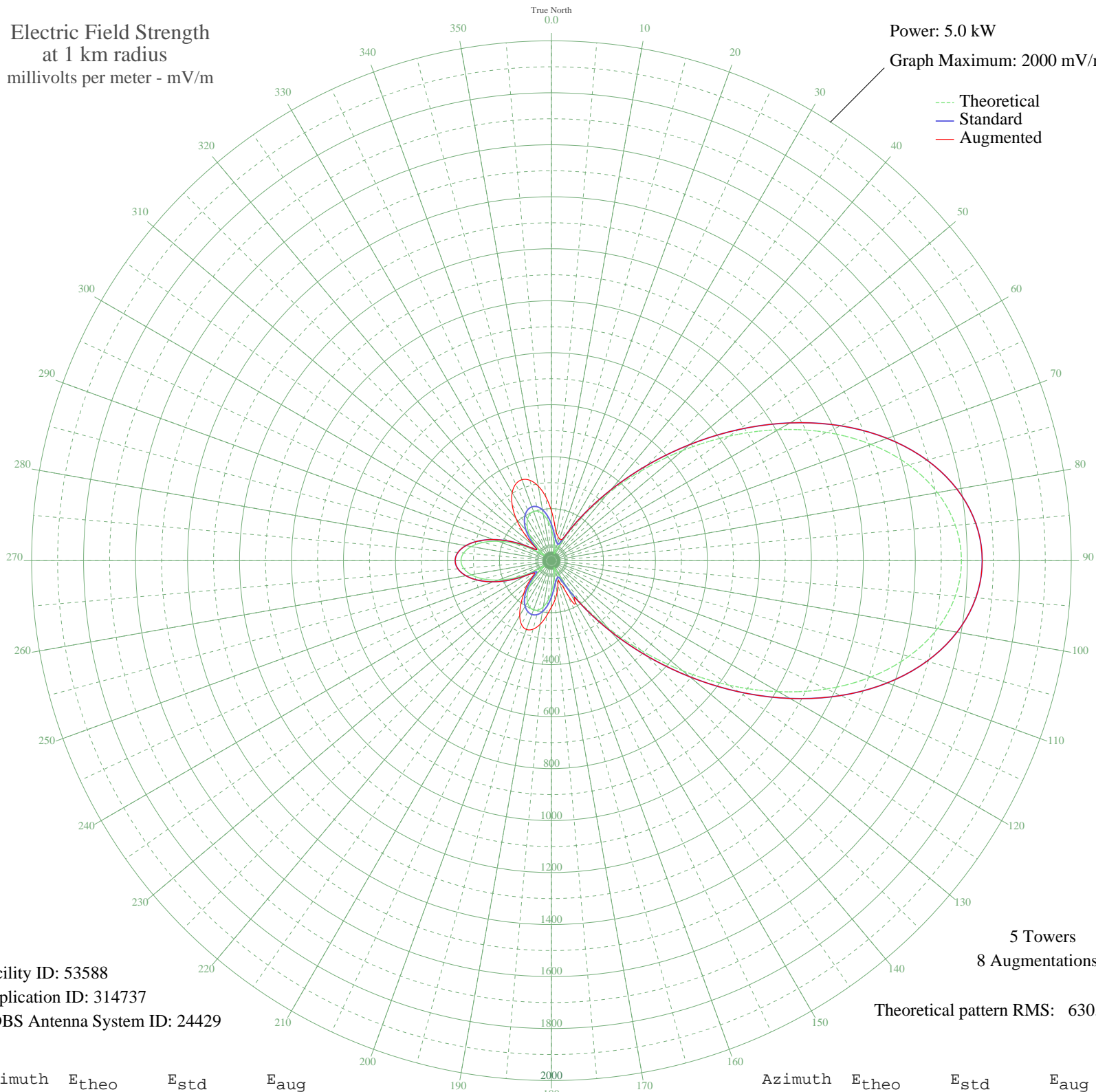


# WBWL JACKSONVILLE, FL BL-- 600 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 53588  
Application ID: 314737  
CDBS Antenna System ID: 24429

5 Towers  
8 Augmentations

Theoretical pattern RMS: 630.86

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	120.32	140.08	191.68
5	85.70	108.43	140.44
10	58.63	86.32	108.23
15	42.71	75.31	97.07
20	30.19	68.30	90.48
25	40.08	73.70	88.23
30	102.67	123.62	123.62
35	202.92	221.49	221.49
40	333.97	355.85	355.85
45	488.95	516.95	516.95
50	659.27	694.87	694.87
55	835.41	879.26	879.26
60	1007.88	1060.00	1060.00
65	1167.99	1227.88	1227.88
70	1308.36	1375.11	1375.11
75	1423.14	1495.52	1495.52
80	1508.00	1584.55	1584.55
85	1560.02	1639.13	1639.13
90	1577.54	1657.52	1657.52
95	1560.02	1639.13	1639.13
100	1508.00	1584.55	1584.55
105	1423.14	1495.53	1495.53
110	1308.37	1375.12	1375.12
115	1167.99	1227.88	1227.88
120	1007.88	1060.00	1060.00
125	835.41	879.26	879.26
130	659.27	694.87	694.87
135	488.95	516.95	516.95
140	333.97	355.86	355.86
145	202.93	221.50	221.50
150	102.67	123.62	180.82
155	40.08	73.70	135.24
160	30.19	68.30	84.72
165	42.71	75.31	96.85
170	58.63	86.32	124.53
175	85.70	108.43	152.19

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	120.32	140.08	178.41
185	154.03	172.68	212.72
190	180.47	198.92	248.06
195	196.52	215.03	272.88
200	201.77	220.33	281.64
205	197.27	215.79	271.70
210	184.15	202.60	244.15
215	162.65	181.18	205.36
220	132.30	151.52	165.77
225	93.07	114.93	131.17
230	49.12	79.51	94.85
235	41.24	74.40	81.42
240	94.42	116.15	116.57
245	157.42	176.02	176.02
250	218.36	237.13	237.13
255	271.64	291.57	291.57
260	312.94	334.11	334.11
265	339.04	361.10	361.10
270	347.97	370.35	370.35
275	339.04	361.10	361.10
280	312.94	334.11	334.11
285	271.64	291.57	291.57
290	218.36	237.13	237.13
295	157.42	176.02	176.02
300	94.42	116.15	116.15
305	41.24	74.40	74.40
310	49.12	79.51	87.43
315	93.07	114.93	149.02
320	132.30	151.52	211.56
325	162.65	181.18	263.70
330	184.15	202.60	302.08
335	197.27	215.79	325.06
340	201.77	220.33	331.41
345	196.52	215.03	320.15
350	180.47	198.92	291.14
355	154.03	172.68	246.04