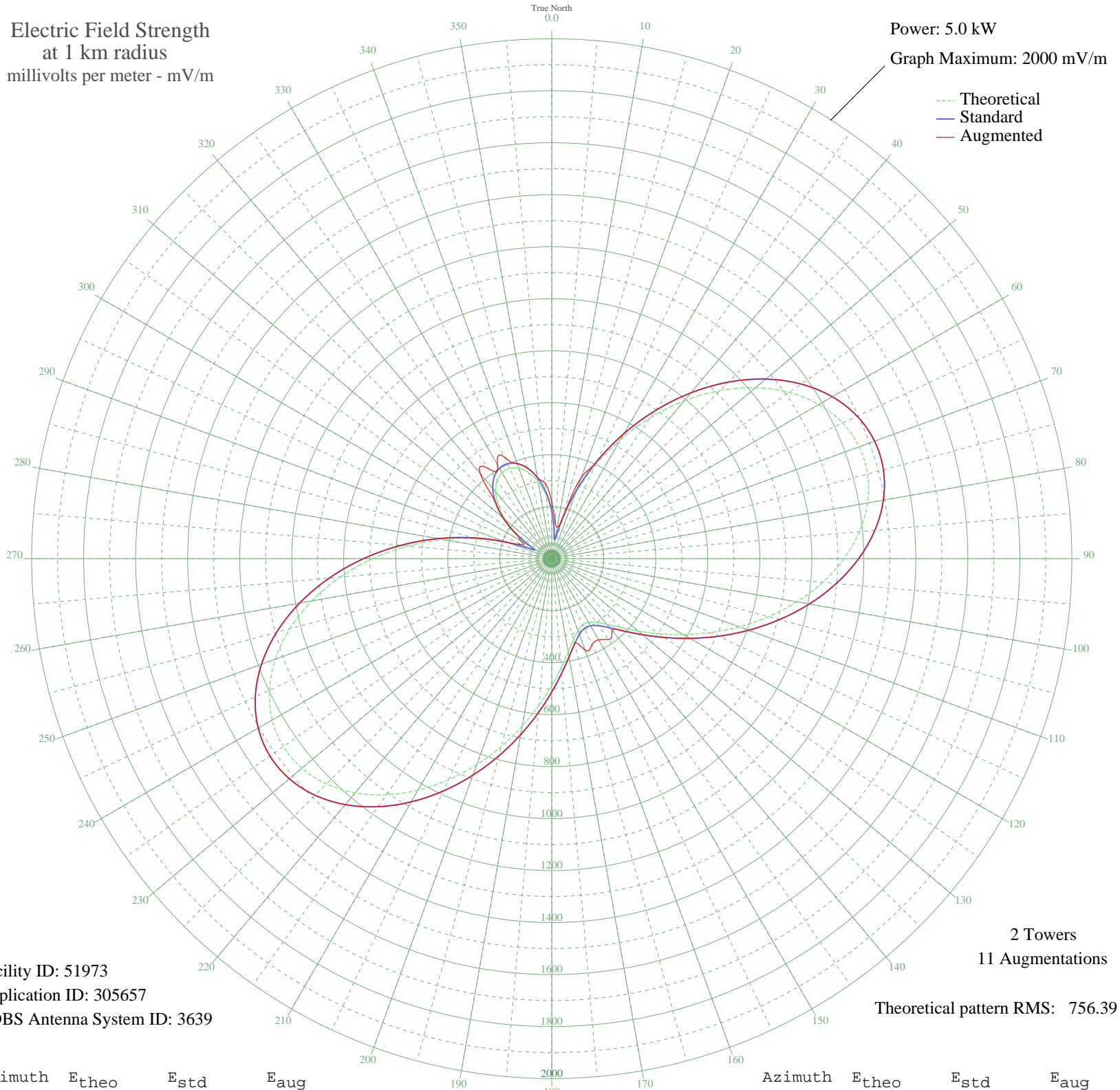


WFXJ JACKSONVILLE, FL BL-- 930 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 51973
Application ID: 305657
CDBS Antenna System ID: 3639

2 Towers
11 Augmentations
Theoretical pattern RMS: 756.39

Azimuth	E _{theo}	E _{std}	E _{aug}
0	175.57	185.84	218.05
5	100.62	108.23	146.71
10	70.82	77.98	123.61
15	152.46	161.80	162.23
20	268.27	282.66	332.80
25	395.73	416.18	416.18
30	528.70	555.63	555.63
35	662.54	696.07	696.07
40	792.66	832.63	832.63
45	914.39	960.40	960.40
50	1023.19	1074.60	1074.60
55	1114.92	1170.90	1170.90
60	1186.13	1245.66	1245.66
65	1234.31	1296.24	1296.24
70	1258.10	1321.21	1321.21
75	1257.33	1320.40	1320.40
80	1233.08	1294.95	1294.95
85	1187.54	1247.14	1247.14
90	1123.80	1180.23	1180.23
95	1045.66	1098.19	1098.19
100	957.26	1005.40	1005.40
105	862.89	906.34	906.34
110	766.69	805.37	805.37
115	672.49	706.50	706.50
120	583.63	613.26	613.26
125	502.94	528.61	528.61
130	432.69	454.94	454.94
135	374.60	394.03	394.03
140	329.85	347.14	360.75
145	299.23	315.06	379.23
150	283.10	298.19	360.45
155	281.64	296.65	366.07
160	294.83	310.47	374.17
165	322.58	339.52	339.52
170	364.55	383.50	383.50
175	420.06	441.68	441.68

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	488.00	512.93	512.93
185	566.76	595.56	595.56
190	654.19	687.30	687.30
195	747.58	785.31	785.31
200	843.67	886.16	886.16
205	938.73	985.94	985.94
210	1028.66	1080.35	1080.35
215	1109.20	1164.90	1164.90
220	1176.13	1235.16	1235.16
225	1225.59	1287.08	1287.08
230	1254.30	1317.23	1317.23
235	1259.89	1323.09	1323.09
240	1241.05	1303.31	1303.31
245	1197.67	1257.77	1257.77
250	1130.90	1187.67	1187.67
255	1043.02	1095.42	1095.42
260	937.32	984.47	984.47
265	817.83	859.04	859.04
270	689.02	723.85	723.85
275	555.54	583.79	583.79
280	422.03	443.76	443.76
285	293.08	308.63	308.63
290	174.19	184.40	184.40
295	80.93	88.16	128.75
300	87.22	94.54	136.79
305	160.64	170.30	170.30
310	231.51	244.22	244.22
315	290.32	305.74	305.74
320	335.23	352.77	428.35
325	365.75	384.75	421.58
330	381.75	401.52	417.03
335	383.20	403.04	431.84
340	370.11	389.33	389.33
345	342.49	360.38	360.38
350	300.44	316.33	316.78
355	244.33	257.62	291.41